SIEMENS

Gigaset SX353isdn/SX303isdn

CORDLESS HOME COMMUNICATION Gigaset

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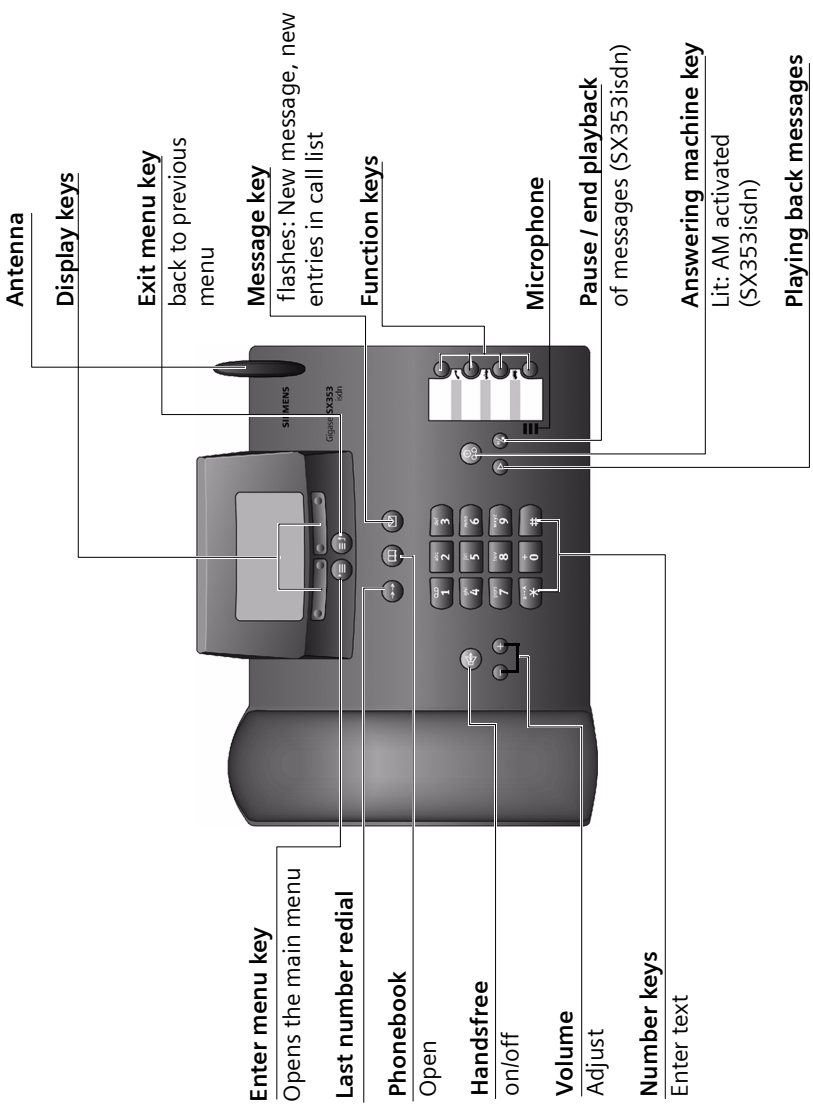
www.siemens.com/gigaset

Brief overview of base station



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Safety precautions ⚠

!	◆ Read the safety precautions and the user guide before use. ◆ Explain their contents to your children, and the potential hazards associated with using the telephone.

Only use **the power supply unit supplied**, as indicated on the underside of the telephone.

The operation of medical appliances may be affected. Be aware of the technical conditions within the particular environment (e.g. doctor's practice).

Do not install the telephone in bathrooms or shower rooms (see page 7 and page 147). The handset and base station are not watertight.

Do not use the phone in environments subject to explosion hazard (e.g. auto paint shops).

If you give your Gigaset to someone else, make sure you also give them the operating manual.

Please dispose of the telephone in an environmentally friendly manner.

i	◆ Note that only terminals that will be operated in-house (within a building) may be connected to the analogue TAE connections. ◆ Not all of the functions described in these instructions are available in all countries.

Display explanation

A table below a heading specifies the base station or handsets on which the function is available.

Example: Phonebook or speed dial list: Sending a single entry or complete list to a handset

To handset:	S44	S1	SL1	C34	C2

Example: Set answering machine in network for fast access

On base:	SX303isdn

Preparing the base station for use

Pack contents

The pack contains:

- One base station
- One receiver and one coiled receiver cord
- One power supply unit with power cord
- One ISDN connection cable
- 1 cable for analogue add-on devices
- 1 USB cable for PC connection
- One set of operating instructions

Installing the base station

Installation instructions

The base station is designed to be operated in enclosed, dry areas at temperatures ranging from +5 °C to +45 °C. Install the base station at a central location in your home, e.g., in the hall.

	◆ Never expose the telephone to: heat sources, direct sunlight or other electrical appliances. ◆ Protect your Gigaset from moisture, dust, corrosive liquids and vapours.

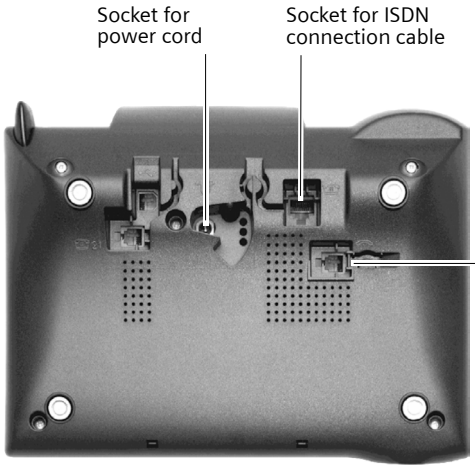
Range and signal strength for operation with handset

The base has a range of approx. 300 m outdoors and up to 50 m indoors. The signal strength display indicates the quality of the radio contact between the base station and the handset:

- Reception strength 100 %
- Reception strength 75 %
- Reception strength 50 %
- Low reception strength
- No reception (flashes)

Connecting the base station

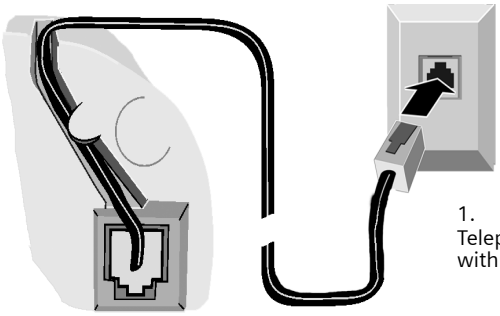
Note the specified sequence



Schematic illustration

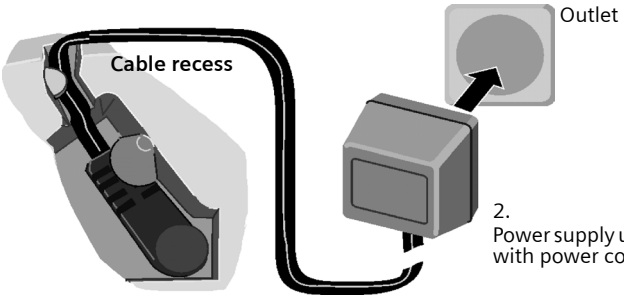
1.

- Insert the plug on the long end of the coiled receiver cord into the socket on the base station
- Place the receiver cord in the cable recess
- Plug the other end of the receiver cord into the receiver



2.

- Plug one of the ISDN connecting cable jacks into the socket on the base station (it clicks into place)
- Position cable in the cable recess
- Insert the second ISDN connecting cable jack into the NTBA (ISDN connection).



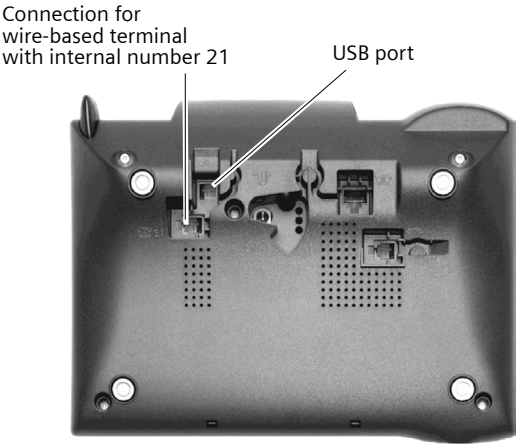
3.

- Insert the small jack on the power cord into the socket on the base station
- Position cable in the cable recess
- **Ensure that the receiver is positioned correctly on the base station!**
  Plug the power supply unit into your power outlet.

i	Keep the power supply unit **plugged in at all times** to ensure your phone is ready for use whenever you need it. Neither the base station nor the registered handsets will operate in the event of a power failure. However, all the settings and stored information (messages, Phonebook entries etc.) are retained indefinitely.

Connecting additional devices

You can connect an analogue device to the Gigaset SX303isdn/SX353isdn (page 129).
You can also use the USB connection on the base station to operate a PC (page 136).



Pin assignment of cable supplied

As there are two different pin assignments for analogue devices (3/4 or 2/5), the cable supplied (see diagram) is designed in such a way that it can always be used to establish a connection between the base station and the analogue add-on device to be connected. If you do not know the pin assignment of your analogue add-on device, connect the two devices as you wish. If the connection is unsuccessful, you can reverse the pin assignment by turning the cable and thus automatically select the correct assignment.

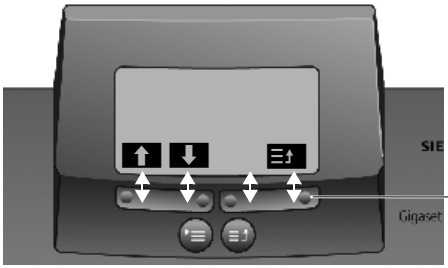
i	**For PC connection only:** Plug USB cable into the base station, but **do not connect to the PC yet**. Do not connect the USB cable until you are prompted to do so by the **talk&surf wizard** program on the PC.

Operating the base station – menu system

Display keys

The display keys are the **horizontal rocker keys** just below the display. Their function changes depending on the particular operating situation. The current function is shown in the display directly above the key to which it relates.

Example:



The various **display symbols** have the following meanings:

Display Symbol	Meaning when pressed
OK	OK key: Confirm menu function or confirm an input and store.
	Menu+ key: Open submenu, e.g. in input fields.
	Delete key: Delete input from right to left one character at a time.
	Escape key: Go back one menu level, or cancel the operation.
↓ ↑ ← →	Arrow keys

Correcting incorrect inputs

After a correct input you will hear a confirmation tone (rising tone sequence). An incorrect input is indicated by an error tone (descending tone sequence). You can repeat the input.

If you have entered the wrong character **in the text**, you can correct it as follows:

Delete characters to the left of the cursor with ⟵

To correct a phone number or text, use the display keys to move the cursor to the right of the incorrect character. Then press the display key ⟵. The character is deleted. Now enter the correct character.

Inserting characters to the left of the cursor

If you have left out a character, use the display keys to move the cursor to where you want to insert the character, and then enter it.

Overwriting characters

When entering **Date/time** the number of digits is fixed and there is a default entry in the field. Using the display keys, position the cursor **on** the digit that is to be changed and overwrite it.

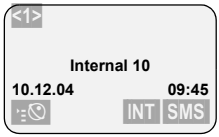
Overwriting characters

When entering **Units/Costs** the number of digits is fixed and there is a default entry in the field. Using the display keys, position the cursor on the digit that has been entered incorrectly and overwrite it.

Idle status

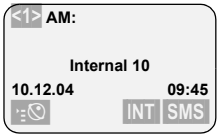
Display in idle status (example)

Gigaset SX303isdn



The number in pointed brackets <> indicates how many telephone lines are currently in use: <1> or <2>.

Gigaset SX353isdn



Reverting to idle status from anywhere in the menu:

- Press the exit menu key for around 1 second or
- do not press any key: The display **automatically** reverts to idle status after 1 minute.

Changes which you have not confirmed or saved by pressing OK, YES, Store, Send or with **Store** OK will be lost.

Menu operation, with "Setting Handsfree Volume" as an example

1. ⓜ Press the enter menu key. The menu opens.
2. ↓ OK Press the display key until **Audio** is marked in the display (by the frame) and then use the display key OK to confirm.
3. → OK Press the display key until **Vol.Loudspeaker** is marked in the display (by the frame) and then use the display key OK to confirm.
4. ← → Press the display keys to select the volume (1-5).
5. OK Now press the display key to confirm the setting.
6. ⓒ **Hold** down the exit menu key to return to idle status.

Operating the base station from the handset

The SX303isdn and SX353isdn base stations support the S44, S1, SL1, C34, C32, C1 and C2 handsets. In conjunction with a Gigaset handset, your base station offers you a variety of features. You can use a particular range of these features depending on the handset you are using.

You can find operating instructions for your handsets on the enclosed CD or on the Internet at www.siemens.com/gigaset.

Using the example of **"Assigning a ringtone melody to an MSN"**, operation of the base station from the following handsets is described below:

- S44,
- S1 and SL1,
- C34,
- C1, C2 and C32.

The meaning of the symbols used and information about operation of your handset can be found in the corresponding operating instructions.

Operating the base station from a S44 handset

The central operating element of the S44 handset is the control key, which has four direction arrows and the associated symbols. Pressing the various icons (up, down, right, or left) opens a different function. In the operating instructions, the side you need to press is marked with a black triangle, e.g. key for right = Open menu.

Example: "Assigning a ringtone melody to an MSN"

	Open the menu.
OK	Select the menu item and confirm.
Base OK	Select the menu item and confirm.
Settings OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
ISDN settings OK	Select the menu item and confirm.
Set up MSN OK	Select the menu item and confirm.
MSN1:	Select MSN, e.g. **MSN1: Anna**.
	Open the submenu.
Ringer melody OK	Select the menu item and confirm.
Ringer melody: 5 OK	Select melody (1 – 10, Device ringer) and confirm, e.g. **Ringer melody: 5**.

Operating the base from a S1 or SL1 handset

The central operator control on the S1 and SL1 handsets is a control key, which has four direction arrows with the associated symbols. Pressing the various icons (up, down, right, or left) opens a different function. The side you have to press is shown by a black triangle in the operating instructions, e.g.: key for right = open menu.

Example: "Assigning an MSN a ringer melody"

	Open the menu.
Set base OK	Select the menu item and confirm.
Settings OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
ISDN settings OK	Select the menu item and confirm.
Set up MSN OK	Select the menu item and confirm.
MSN1:	Select MSN, e.g. **MSN1: Anna**.
	Open the submenu.
Ringer Melody: 5 OK	Select melody and confirm, e.g. **Ringer Melody: 5** (✓ = activated).

Operating the base station from a C34 handset

The central operating element of the C34 handset is a control key, which has a triangle to the top and bottom and a point to the left and right. Pressing the various icons (up, down, right, or left) opens a different function. The side you have to press is shown by a black triangle in the operating instructions. Example: for "press up on the control key".

Example: "Assigning a ringtone melody to an MSN"

	Open the menu.
Settings OK	Select the menu item and confirm.
Base OK	Select the menu item and confirm.
Settings OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
ISDN settings OK	Select the menu item and confirm.
Set up MSN OK	Select the menu item and confirm.
MSN1:	Select MSN, e.g. **MSN1: Anna**.
	Open the submenu.
Ringer melody OK	Select the menu item and confirm.
Ringer melody: 5 OK	Select melody and confirm, e.g. **Ringer melody: 5**.

Operating the base station from a C1, C2 or C32 handset

The C1, C2 and C32 handsets each have a rocker key with two functions.

On the Gigaset C1, the top section of the rocker key has the function of the Talk key, while the lower section acts as the Phonebook key.

On the Gigaset C2 and C32, the top section of the rocker key has the function of the Talk key, while the lower section acts as the handsfree key.

Example: "Assigning an MSN a ringer melody"

MENU	Open the menu.
↓ **Set base** **OK**	Select the menu item and confirm.
↓ **Settings** **OK**	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** **OK**	Select the menu item and confirm.
↓ **Set up MSN** **OK**	Select the menu item and confirm.
↓ **MSN1:**	Select MSN, e.g. **MSN1: Anna**.
MENU	Open the submenu.
↓ **Ringer Melody: 5** **OK**	Select melody and confirm, e.g. **Ringer Melody: 5** (✓ = set).

Preparing the base station for use – Getting started wizard

A few settings are necessary before using your base station. The Getting started wizard (page 16) is designed to help you with this. It can be called up at any time using the display on your base station (page 16) or using an added=feature S44, S1 or SL1 handset (see handset operating instructions). The following settings can be set one after the other.

- Date and time
- Show/hide answering machine 1... 3 (on SX353isdn)
- Find out/enter the MSN for your connection
- Set the device type for the connected device
- Set the receive MSN
- Set the send MSN
- Outside line code (when using a PABX)

Alternatively, you can make settings on your base station using a PC (see operating instructions for PC software).

Operating instructions for the S44, S1, SL1, C34, C1, C2 and C32 handsets can be found on the enclosed CD and on the Internet at www.siemens.com/service.

What is an MSN?

MSN = Multiple Subscriber Number. You can apply for up to ten different telephone numbers for one multiple ISDN connection. An MSN is one of the phone numbers assigned to you **without an area code**.

You telephone uses the MSN entirely as you require. The following differentiation is made:

- **Receive MSN:** Phone numbers you may be called on. You can assign the receive MSNs to specific internal users (terminals) (page 96). Incoming calls are only forwarded to the terminals to which the relevant MSN has been assigned. Terminals can be e.g. handsets or answering machines.
- **Send MSN:** Phone numbers that are identified to the person you are calling. The network operator calculates charges based on the send MSN's. You can assign a fixed send MSN to each internal user (page 96).

Internal users

Your **base station** is assigned the fixed internal number 10.

Possible internal users are:

INT11 – INT18:	**Handsets**
INT21:	**Analogue devices**, such as an analogue telephone, fax machine or modem
INT40:	**PC via USB connection** on base station
INT41 – INT48:	**Data modules** (page 136)
INT51 – INT53:	**Bluetooth devices** such as a Bluetooth compatible GSM mobile, headset or PC. A PC registered using Bluetooth is automatically assigned an internal number between 51 and 53
INT91 – INT93:	Integrated **answering machine** (on SX353isdn)

Example of how to assign an MSN:
You have applied for four MSN's, two for business use (MSN1, MSN2) and two for private purposes (MSN3, MSN4). Four handsets are connected to a base station. Two handsets (Int.11 and 12) and the answering machine AM 91 are intended for business use, and two handsets (Int.13 and 14) and the answering machine AM 92 are intended for private use.

Internal users		Use	Receive MSN	Send MSN
handsets	Int.11, 12	Business	MSN1, MSN2	MSN1
Answering machine	AM 91		MSN1, MSN2	---
Handset	Int.13	Private	MSN3	MSN3
Handset	Int.14		MSN4	MSN4
Answering machine	AM 92		MSN3, MSN4	---

Ring delay
When ring delay is activated, an incoming call is signalled on the base station after a delay (e.g. after 5 ring cycles – the number is adjustable). Ring delay can be set individually for each internal subscriber and for each receive MSN (page 105).

In the example, an incoming call to MSN1 is only to be signalled on handset Int.11 if Int.12 does not answer the call. To achieve this, activate a ring delay for Int.11 and MSN1 (e. g. 5 ring cycles). The call for MSN1 is signalled directly on Int.12, but is only signalled on Int.11 after the 5th ring cycle.

Launching the Getting started wizard and setting the basic settings

You can operate the Getting started wizard for your base station either directly using the base station or using an S44, S1 or SL1 handset.

Launching the Getting started wizard:

⊜	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Installation** OK	Select the menu item and confirm.
YES	Press the display key to launch the Getting started wizard. If you already have set a system PIN (not 0000) (page 91), you will be asked to enter it.
OK	If required, enter the system PIN and confirm.

i	◆ The Getting started wizard cannot be used simultaneously by multiple internal users. ◆ If there is already settings data (factory default or previous settings), this data is shown at the appropriate positions in the display and can be modified there. ◆ To cancel the Getting started wizard, press the exit menu key and hold. All changes you have already saved using **Save entry** OK are retained. The base station returns to idle status. ◆ To skip a setting, press the display key NO.

Setting the date and time:
Depending on the network provider, the date and time are adopted automatically from the telephone network during the first outgoing call.

The display shows: **Enter time?**

YES	Press the display key to set the date and time.
	Enter the date (6-digit) and time (4-digit in 24-hour mode) in series, e.g. 101204 0945 for 12/10/04 9:45 a.m..
☰+	Press the display key to open the submenu.
Save entry OK	Select the menu item and confirm.

If the time should be displayed in 12-hour mode, you can modify the setting later (page 86).

Show/hide answering machine (on SX353isdn):
The answering machines AM1, AM2, and AM3 are available. You can use the answering machine when it is shown. By default, all answering machines are shown.

The display shows: **Suppress display of AM1?**

Respond with

◆ YES, if you want to hide AM1,

◆ with NO, if you want to use AM1.

This sequence will then be repeated for AM2 and AM3.

i	An answering machine can only be hidden if there are no messages/ memos stored in it (page 77).

Entering your phone numbers (MSNs) and names for MSNs:
Many connections allow your telephone to request the MSN automatically upon connection.

Precondition: You have a connection that supports this feature.

The display shows: **Find own numbers (MSN)?**

If your connection does not support this feature, you have to enter the MSNs manually.

YES	Press the display key to confirm the prompt.
YES	Press the display key to confirm the **MSN1 MSN %f?** prompt.
	Enter name. Entering a name for an MSN is optional.
	If necessary, scroll to the line **<Number>** and enter the MSN. If the MSNs were found automatically, the numbers will already be entered.
	Press the display key to open the submenu.
Save entry OK	Select the menu item and confirm.

The MSNs entered are automatically assigned to all registered handsets as receive MSNs. MSN1 is automatically assigned to all handsets as the send MSN.

This procedure is repeated for MSN2 to MSN9 and for MSN0.

Set the device type:

The display shows: **Set device type?**

If you have connected an analogue device to your base station, select YES.

The display shows: **Set device type for Int.21?**, select YES.

Select the relevant device type and confirm with OK (✓ = on). The following settings are possible (Setting the device type, page 132).

- **Telephone** see Page 130, Connecting telephones
- **Fax** see Page 130, Connecting a fax machine
- **Modem** see Page 130, Connecting a modem
- **Answering mach.** see Page 131, Connecting an answering machine
- **Neutral** see Page 131, Connecting a fax machine
- **Door type1** see Page 140, Setting up the entrance telephone
- **Doortype2(DTMF)** see Page 140, Setting up the entrance telephone
- **Ext. music/hold** see Page 131, Importing a waiting melody from an external device
- **No function** see Page 131, No device connected

Briefly press the exit menu key ⓔ to continue.

Setting the receive MSN

The display shows: **Set incoming MSN?**

The receive MSN is used to answer incoming calls. The MSNs allocated to your ISDN connection can be allocated to various end devices according to your preferences. You can assign an end device multiple receive MSNs.

YES	Press the display key to confirm the prompt.
YES	Press the display key to confirm the **Set allocation Internal 11?** prompt. The list of entered MSNs is displayed.
⬇ **MSN1:12345678** OK	Select the MSN which should be assigned to this end device, and confirm. Repeat this sequence for all MSNs which should be assigned to this end device as a receive MSN (✓ = on).
⊜	**Briefly** press the exit menu key, to complete the assignment for this terminal.

This procedure is repeated for all devices registered on your telephone (handsets, data modules etc.) and (on SX353isdn) for the integrated answering machine.

i	When setting the receive MSN for an answering machine, only the MSNs are offered in the MSN list which have not yet been assigned to another answering machine.

Setting the send MSN:

The display shows: **Set outgoing MSN?**

Each internal user can be assigned exactly one of the available send MSNs. It is identified to the person called and the network provider bills the call charges to this MSN. Each end device can be assigned exactly one of the available send MSNs.

YES	Press the display key to confirm the prompt.
YES	Press the display key to confirm the **Set allocation Internal 11?** prompt. The list of entered MSNs is displayed.
⬇ **MSN1:12345678** OK	Select the MSN which should be assigned to this end device, and confirm (✓ = on).
⊜	Press the exit menu key to end the assignment for the device.

This process is repeated for all handsets registered on your base station.

Using with a PABX:

Only carry out the following steps if you want to connect your telephone to a private PABX (not directly to a NTBA). Depending on the PABX, it may be necessary for you to enter an access code (outside line code) for external calls during installation; refer to the operating instructions for your PABX for details. You can enter an access code (one to four digits).

The display shows: **Operate behind PABX?**

YES	Press the display key to confirm the prompt.
YES	Press the display key to confirm the **Set access code?** prompt.
	Enter the access code (outside line code).
	Press the display key to open the submenu.
Save entry OK	Select the menu item and confirm. The Getting started wizard is closed.

The display shows **Installation completed**. Press the End call key to return the handset to idle status.

Making calls

Making external calls and ending a call

External calls are calls using the public telephone network. Two external calls can be made at the same time on your base station.

either ...	**Immediate dialling:**
	Lift the receiver.
	Enter the telephone number. The phone number is dialled.
or ...	**Block dialling:**
	Enter the telephone number.
	Lift the receiver. The phone number is dialled.
	End the call:
	Replace the receiver.

i	◆ Replace the receiver to cancel dialling. ◆ If **Dial handsfree** is activated (page 103), you can also dial and make calls without lifting the receiver. Dial the number and handsfree mode is activated. ◆ If you have previously assigned a function key accordingly (page 116), you can also use that function key to dial. ◆ With a GSM telephone connected to the base station via Bluetooth, only block dialling is possible. For more information about Bluetooth, see page 118.

Making an internal call

Internal calls are calls

- between the base station and a terminal registered on the base station.
- between terminals registered on the same base station.

They are toll-free. Three internal calls can be made at the same time on your base station.

You can either call a specific terminal or call all the other registered internal users at the same time ("group call").

i	If you receive a call during an internal call or group call, the call is not interrupted. You will hear a call waiting tone.

Calling a specific handset

	Lift the receiver.
INT	Press the display key to initiate the internal call.
either ...	
	Enter the number of the internal user you want.
or ...	
LIST	Press the display key.
INT11: Int.11 OK	Select and confirm the internal number you want, e.g. **INT11: Int.11**.
... then	**End the call:**
	Replace the receiver.

i	◆ If **Dial handsfree** is activated (page 103), you can also dial and make calls without lifting the receiver. Dial the number and handsfree mode is activated. ◆ If you have previously assigned a function key accordingly (page 116), you can also use that function key to dial.

Starting a group call to all internal users

You can make a group call from your base station to all other registered internal users entered for group calls (page 104). By factory default, this option is activated.

INT	Press the display key to initiate the internal call.
either ...	
LIST	Press the display key.
Collective call OK	Select the menu item and confirm.
or ...	
*	Press the star key.

The first internal user who answers the call is connected to you.

Answering a call

Your base station rings, the call is shown in the display and the handsfree key ⓢ flashes. Lift the receiver or press the handsfree key ⓢ to answer the call.

i	If the **ringer is intrusive**, press the Silence display key. You can answer the call as long as it is displayed on the screen.

Information on how to change the ringtone can be found on page 114.

Withholding Calling Line Identification

Precondition: The "Withhold Calling Line Identification" feature is supported by your network provider.

When supplied, your phone number is displayed on the phone of the person you are calling (CLIP – for outgoing connections) and a caller's phone number is displayed on your handset (COLP – for incoming connections).

You can withhold this Calling Line Identification (CLIR – for outgoing connections/ COLR – for incoming connections). CLIP/CLIR are paired with COLP/COLR: if you withhold Calling Line Identification both – CLIR and COLR – are activated.

You will find explanations for the abbreviations used in the glossary on page 165.

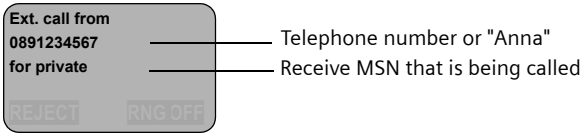
Displaying caller's phone number

When you get a call, you will see the caller's number and/or name displayed on the screen.

Precondition: Calling Line Identification is activated for the caller.

Screen display with CLIP

With Calling Line Identification, the caller's telephone number is displayed on the handset screen. If you have stored an entry for this number in your Phonebook, then that entry will be displayed instead of the number, e.g. "Anna".



Ext. call from unknown is displayed on the screen if the caller's phone number is not identified.

Withholding phone number identification

If you do not wish your phone number to be revealed to the person you are speaking to you can stop your number being identified. You can withhold identification of your phone number specifically for the next call or else for all calls. With the permanent setting, the phone number is withheld from the other caller both for outgoing calls (CLIR) and for incoming calls (COLR).

Withholding identification of the phone number for the next call only:

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Call preparat.** OK	Select the menu item and confirm.
↓ **Temp.withhold** OK	Select the menu item and confirm (✓ = activated).
ⓒ	**Hold** down (back to idle status).

i	After the call, the setting is reset again. Your phone number will be identified to your next caller. When you call the selected phone number from the last number redial list again, this call is also not anonymous.

Withholding or permitting identification of your phone number for all calls:
When the phone is supplied **Withhold no.** is not activated.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
↓ **ISDN settings** OK	Select the menu item and confirm.
↓ **Withhold no.** OK	Select the menu item and confirm (✓ = activated).
ⓒ	**Hold** down (back to idle status).

Activating/deactivating handsfree and open listening

The function of the handsfree key depends on the current status of your base station:

Your base station is in idle status:

	Activate handsfree while dialling:
	Enter the number and press the handsfree key.

You are making a call using the receiver or
you are making a call using the receiver and you have activated open listening:

	Activating/deactivating open listening:
	Press the handsfree key.
	Activating handsfree during a call:
+	Hold down handsfree key and replace receiver.
	End the call:
	Replace the receiver.

You are making a call using the handsfree function:

	Deactivate handsfree:
	Lift the receiver.
	End the call:
	Press the handsfree key.

i	You can adjust volume during handsfree operation using ⊖ und ⊕.

Picking up a call during ring delay (Call Pickup)

You can pick up a call despite a ring delay (page 105) being set.

Preconditions:

- The subscriber who picks up the call must have at least **Incoming only** authorisation (page 92).
- Both parties must be assigned the same receive MSN (page 96).

	Lift the receiver. **Accept?** is displayed.
YES	Confirm to pick up the call.

Rejecting a call

You get an external call or you are making a call and receive an external call. The call is signalled acoustically and also shown in the display on all telephones or handsets in this MSN group. You can reject this external call.

Press the display key REJECT.

Depending on the setting (page 98) the call can be rejected on the base station rejecting the call only (telephones or handsets with the same receive MSN continue to ring) or it can be rejected for the entire MSN group (the caller hears the busy tone).

Reserving a line

Your ISDN connection offers you 2 simultaneously usable telephone lines (B channels).

Precondition: You want to make calls externally, but both telephone lines of your connection are busy (being used by other internal users).

Press the display key CALLBCK. The next available free line will be reserved for you.

You base station rings as soon as an external line is free.

either ...	**Use a free line:**
✆	Lift the receiver. You can now enter the phone number as usual.
or ...	**Delete the reservation:**
DELETE	Press the display key. The reservation is cancelled.

i	If the reservation is neither accepted or deleted, it will be deleted automatically after 30 sec.

Defining the send MSN for the next call

Even if you have defined an individual send MSN for the base station (page 96), you can select another MSN as the send MSN before each call, e.g. for individual recording of charges.

Make sure that the send/receive MSN corresponds to the phone number registered at your SMS centre (page 49).

By factory default, **MSN next call** is not activated for an MSN.

ⓜ		Open the menu.
↓ **Set base**	OK	Select the menu item and confirm.
↓ **Call preparat.**	OK	Select the menu item and confirm.
↓ **MSN next call**	OK	Select the menu item and confirm.
↓ **MSN1:**	OK	Select the required MSN and confirm (✓ = activated). The next call uses this MSN.
ⓒ		**Hold** down (back to idle status).

i	◆ The temporarily set send MSN is displayed as the phone number for the person you are calling. ◆ To make this function easier to use, you can also set one of the function keys accordingly (page 117).

You can set up your base station so that after lifting the receiver or pressing the handsfree key ⓓ a list of all available send MSNs is displayed (page 97).

Callback on busy (CCBS) / on no answer (CCNR)

Precondition: The exchange supports this service.

Callback on busy – CCBS (Completion of calls to busy subscriber)
The user you are calling is currently making a call. Automatic callback saves you making repeated attempts to dial the number.

Callback on no answer – CCNR (Completion of Calls No Reply)
If the user you are calling does not answer you can arrange automatic callback. As soon as the user you require has finished a call and the line is free again you will be called back. The callback request is automatically cancelled after about 2 hours (depending on the exchange).

Activating callback

The number you are calling is busy or your call is not answered:

CALLBCK	Press the display key.
	Wait for confirmation from the exchange.

Accepting a callback

The base station rings with a special ringer tone and the display shows the callback number.

✆	Lift the receiver. The connection is established.

Checking and deleting a callback

Deleting the callback while it is incoming

The base station rings and the display shows the callback number.

DELETE	Press the display key. The callback function is cancelled.

Checking or deleting the callback before it is incoming

⊙	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Status** OK	Select the menu item and confirm. The status list is displayed (✓ = activated).
↓ **Callback** OK	Select the menu item and confirm. The current callback number is shown on the screen.
either ...	**Check:**
BACK	Press the display key. The callback remains active.
or ...	**Cancel:**
DELETE	Press the display key. The callback function is cancelled.

Identify caller

Identify caller is used to identify annoying or threatening callers.

Precondition: You have applied for Identify caller with your network provider.

Activate this function during the call or immediately after the caller has hung up. You must not end the call yourself.

i	◆ You may not replace the receiver! ◆ To make this function easier to use, you can also set one of the function keys accordingly (page 117).

⊙	Open the menu.
↓ **Identify caller** OK	Select the menu item and confirm.

The caller is identified in the telephone exchange and is recorded by phone number, time and date. A printout of the list is sent later by your network provider.

Functions during a call

Muting the base station

You can mute your base station during a call, e.g. if you wish to talk confidentially to another person in the room. Your party on the line cannot hear your conversation during this time. But you can continue to hear him/her.

MUTE	Press the display key. The call is put on hold.
	To cancel muting:
AUDIBLE	Press the display key.

i	When redialling or when performing other functions such as an internal enquiry call, the muting is cancelled.

Making a call to several users

You initiate a call to several users through an enquiry call. You can then speak to the other parties either one at a time ("toggling", page 31) or at the same time ("conference call", page 32).

External enquiry call

You wish to call another external user during an external or internal call.

i	The enquiry call from an external call to another external call can be set so (page 106) that both ISDN lines are occupied (hold connection internally), or so that your second ISDN line remains free (hold connection externally – HOLD).

Initiate enquiry call:

⊙≡	Open the menu.
Enquiry call OK	Select the menu item and confirm.

The call to the first user is now put on hold. If the connection is on hold internally (page 106), the first party hears the set waiting melody (page 107).

Make a call to the second external user:

	Enter the second user's telephone number. You can also make a call via the Phonebook or other lists (page 36).
	If the second external user you have dialled is busy:
BACK	Press the display key to return to the first party.
	If the second external user rings:
either ...	**Toggle (page 31):**
⬇ ⬆	Switch between call parties using display keys.
or ...	**Conference call (page 32):**
CONF.	Press the display key to establish conference switching.
or ...	
	Transfer the call (page 33).

Internal enquiry call

You would like to call an internal user during an external call.

Initiate an internal enquiry call:

INT	Initiate an internal call.

The call to the first user is now put on hold. The first (external) party hears the set up waiting melody (page 107), when the connection is on hold internally (page 106).

Make a call to the internal user:

either ...	
	Enter the number of the internal user you want.
or ...	
LIST	Press the display key.
↓ **INT11: Int.11** OK	Select the required internal number, e.g. **INT11: Int.11**, and confirm. The connection to the internal user is established.
	The internal user dialled is busy:
BACK	Press the display key to return to the external party.
	The internal user has answered:
either ...	**Toggle (page 31):**
↓ ↑	Switch between call parties using display keys.
or ...	**Conference call (page 32):**
CONF.	Press the display key to establish conference switching.
or ...	
	Transfer the call (page 33).

Toggling

Precondition: You have established an enquiry call (page 29 and page 30).

There is both an active call (the one established with an enquiry call) and a held call (the first). You can speak to both callers one at a time.

Use ↓ ↑ to switch between the two callers.

An external party hears the set-up waiting melody in a connection on hold (page 107) when the connection is on hold internally (page 106). An internal user in a connection on hold does not hear a waiting melody.

Ending an enquiry call/toggling

either ...	**End the call that is currently active:**
ⓜ	Open the menu.
↓ **End** OK	Select the menu item and confirm. You return to the waiting caller.
or ...	
	Replace the receiver (return to idle status). The active connection is ended. You will automatically be called again by the person on hold.

Conference call

Precondition: You have established an enquiry call (page 29 and page 30).

There is both an active call (the one established with an enquiry call) and a held call (the first). In a conference call you can speak to both other callers at the same time.

i	You can make a conference call with ◆ two external users or ◆ with one internal user and one external user.

It is possible to conduct two conference calls at the same time on your base station.

Establishing a conference

You are making an enquiry call. The first caller is put on hold.

Press the display key CONF. to establish conference switching.

Ending a conference

You have several options for ending a conference call:

either ...	**You end the conference:**
☎	Replace the receiver (return to idle status).
or ...	**You change the conference to an enquiry call:**
INDIV.	Press the display key to change the conference switching to an enquiry call (page 29 or page 30).The connection that was active immediately before the conference was established becomes the active call again.

Forwarding an incoming call – CD (Call Deflection)

CD enables an incoming call to be diverted to any phone number while it is ringing, without having to answer the call.

You can pre-set a divert destination (page 103), dial a phone number from the Phonebook or enter a new number.

ⓜ	Open the menu.
↓ **Forward** OK	Select the menu item and confirm. The pre-set divert destination is dialled.

Transferring calls

Transferring a call externally – ECT (Explicit Call Transfer)

Preconditions:

- The feature must be activated (page 137).
- It is only possible to transfer a call if the exchange or your ISDN PABX also supports ECT. If this is not the case, then the external call is disconnected. The number cannot be called back.
- To "hold" when making an enquiry call from an external call, **Ext. enq. call** must be set (page 106).

You are making an external call and would like to transfer it to another external user. Establish an external enquiry call (page 29) and replace the receiver (before answer), to divert the call.

i	With some ISDN PABX systems, your two parties are not connected together when you replace the receiver when forwarding a call. In this case you should activate this function on your ISDN PABX, if possible.

Forwarding a call to another terminal

You are making an **external** call and would like to transfer it to another terminal.

Establish an internal enquiry call (page 30) and replace the receiver (before answer), to forward the call.

Working with call waiting for an external call – CW (Call Waiting)

Precondition: CW (Call Waiting) set up, see page 106.

You hear the call waiting tone (short beep) if you receive an external call while conducting another call (internal or external). The caller's number or name will appear in the display if Calling Line Identification is enabled.

There are four ways to work with call waiting for an external call:

Accept the waiting call – enquiry call:

Press the display key ACCEPT. You answer the call waiting call, and the first call is put on hold. Both parties are shown on the display, the current one is marked.
To toggle between both callers see page 31, for a conference call see page 32.

Reject the waiting call

Press the display key REJECT to reject a call on call waiting.

i	If you reject the call waiting tone on your base station, it can still be heard on other registered terminals.

Changing parties

	End your current call. The waiting call becomes a normal call.
	Lift the receiver to answer the call.

Forward call waiting internally

You can forward the call waiting call internally without answering the call.

	Open the menu.
Forward OK	Select the menu item and confirm.
INT11: Int.11 OK	Select and confirm the internal number you want, e.g., **INT11: Int.11**.
either ...	The call waiting tone ceases. The call on call waiting was successfully forwarded.
	Continue the active call.
or ...	You continue to hear the call waiting tone. The call on call waiting could not be forwarded.

i	Forwarding is only possible to internal users who are not already being called.

Call hold

Hold external party

You are conducting an external call.
Press the display key INT. The external caller is put on hold. The waiting external party hears the waiting melody (page 107), when the connection is on hold internally (page 106). You can initiate an internal enquiry call (page 30).

Internal users on hold

You are conducting an internal call.
Press the display key CONSULT. The internal user is on hold.

Parking/continuing a call

You are making an external call and would like to transfer this to another terminal on your ISDN connection.

⊙	Open the menu.
↓ **Call park** OK	Select the menu item and confirm.
OK	Enter a one or two digit park number and confirm. Wait for the positive response **Call parked**.
✆	Replace the receiver (return to idle status).

"De-parking" a call

✆	Lift the receiver.
⊙	Open the menu.
↓ **Canc. call park** OK	Select the menu item and confirm.
OK	Enter previously assigned park number and confirm.

Using the Phonebook and other lists

Phonebook and speed dial list

You can store up to 200 phone numbers in the Phonebook. You can store up to 10 phone numbers in the speed dial list.

The **Phonebook** makes dialling easier for you. You open the Phonebook in idle status using the ⓜ key.

The **speed dial list** is a special Phonebook, where you can store particularly important phone numbers, e.g. private phone numbers, prefixes for network providers (known as "Call-by-Call numbers") etc. You open the speed dial list using the key.

You create an individual Phonebook and speed dial list for your base station. If you want the lists/individual entries to be available to handsets, you can send the list/entries to those handsets (page 39).

The speed dial list is operated in just the same way as the Phonebook, except for the way in which entries are stored.

i	◆ Please refer to the **Character Set Chart** (page 151) to see how to enter text correctly. ◆ You can enter up to 32 digits for a number and up to 16 letters for a name.

Storing a telephone number in the Phonebook

ⓜ	Open the Phonebook.
☰+	Open the menu.
↓ **New entry** OK	Select the menu item and confirm.
	Create an entry
	Enter name.
↓	Scroll to the next line and enter the name.
☰+	Press display key to open menu.
Save entry OK	Select the menu item and confirm. The entry is stored.
ⓒ	**Hold** down (back to idle status).

Storing a telephone number in the speed dial list

The maximum number of entries in the speed dial list depends on the number of entries in the Phonebook and in the email address book.

	Open the speed dial list.
↓	Select entry and open the submenu.
New entry OK	Confirm.
	Create an entry:
	Enter name.
↓	Scroll to the next line and enter the name.
	Press display key to open menu.
Save entry OK	Confirm. The entry is stored.
	Hold down (back to idle status).

Dialling with the Phonebook/speed dial list

	Open the Phonebook or speed dial list.
either ...	**Scroll to the entry:**
↓	Select entry.
or ...	**Enter the first letter:**
	Enter the first letter of the name you are searching for, e.g. "N", to scroll to the first entry beginning with that letter.
↓ ↑	Select the desired user.
... then	
either ...	**Dial after line seizure**
	Lift the receiver or press the handsfree key.
	Open the menu.
↓ **Display Number** OK	Select the menu item and confirm.
or ...	**Dial before line seizure (block dialling)**
	Open the menu.
Dial number OK	Confirm. The call is initiated immediately. If you do not lift the receiver, the handsfree function is activated automatically.

Defining the MSN for the next call

You can select a valid send MSN for this call only even when dialling from the Phonebook. **Precondition: MSN next call** must be activated (page 97). Select an entry and press ☰+ to open the submenu. Using **Dial number** OK displays the list of MSNs.

Viewing and editing an entry in the Phonebook/speed dial list

📖 ☎	Open the Phonebook or speed dial list.
↓ ☰+	Select entry and open the submenu.
either ...	**Display the entry:**
↓ **Display entry** OK	Select the menu item and confirm.
BACK	Press the display key to exit the display.
or ...	**Changing an entry:**
↓ **Edit entry** OK	Select and confirm to start making changes.

Proceed as described on page 36 (Phonebook) or page 37 (speed dial list) under "Create entry".

Deleting a single entry or Phonebook/speed dial list

📖 ☎	Open the Phonebook or speed dial list.
↓ ☰+	Select entry and open the submenu.
either ...	**Delete a single entry:**
↓ **Delete entry** OK	Select the menu item and confirm.
or ...	**Delete the entire Phonebook/speed dial list:**
↓ **Delete list** OK	Select the menu item and confirm.
YES	Press the display key to confirm the prompt.
⏻	**Hold** down (back to idle status).

Adding a displayed telephone number to the Phonebook

When a phone number appears in the display (CLIP) you can add it to your Phonebook. This can be done while dialling from the last number redial list, from the caller list/ answering machine list (on SX353isdn) or during a call.

☰+	Open the menu.
↓ **Copy to dir.** OK	Select the menu item and confirm.
↓	If you do not have a CNIP, scroll to the name line and enter the name.
☰+	Press display key to open menu.
Save entry OK	Confirm. The entry is stored.

i	If you have CNIP as well as CLIP, then the name that goes with the telephone number will also be displayed (up to 16 characters long).

Selecting a phone number from the Phonebook

If you are prompted to enter an external phone number while you are operating your telephone, you can use the Phonebook from your base station to do this.

Precondition: The input field for external telephone numbers is displayed.

	Open the Phonebook.
OK	Select entry and confirm.

The phone number of the entry is added to the entry field.

Sending a single entry or complete list to a handset

To handset:	S44	S1	SL1	C34	C32	C2

You can send single entries or the complete list to another handset that is registered on your base station. This avoids entering information twice.

	Open the Phonebook or speed dial list.
	Select an entry and open the menu.
either ...	**Send a single entry:**
Send entry OK	Select the menu item and confirm.
or ...	**Send complete list:**
Send list OK	Select the menu item and confirm.
... then	
OK	Select internal subscriber and confirm. Sending is initiated.

After an entry has been sent you are asked if you want to send another entry. If you confirm with the display key YES you can select more entries to send; once you have finished sending, press the display key NO to end it.

The successful transfer of data is confirmed with a message and with the confirmation tone at the receiving handset. Existing entries in the receiving handset are retained.

Entries with identical numbers are not overwritten. The number of entries that are stored in the receiving handset may therefore differ from the number of entries that you have sent to it.

The transfer is cancelled if the receiving handset's memory is full. The last entry to be transferred appears in the display.

If an entry with no name is sent to a handset, the last 16 digits of the phone number are entered as the name.

Display available memory

The memory is divided between the Phonebook and the speed dial list (page 36). The available memory of all these lists is displayed.

ⓜ	Open the Phonebook.
↓ ☰+	Select any entry and open the menu.
↓ **Available memory** OK	Select the menu item and confirm.
ⓒ	**Hold** down (back to idle status).

Last number redial list

The last number redial list contains the last ten numbers dialled (on your base station). If names have also been stored for these numbers in the Phonebook, then these names will be displayed. If there are several identical entries only the most recent will be displayed. If the last number redial list is full, the oldest entry is deleted when you next make a call. You can use the last number redial list to redial the telephone numbers.

Manual last number redial

ⓡ	Open the last number redial list.
↓ ✆	Select an entry and lift the receiver. The phone number is dialled.-{}-

i	◆ To add or change the phone number, press ☰+ ↓ **Display Number** OK. ◆ When a name is displayed, you can press ☰+ ↓ **Display entry** OK to display the associated phone number. ◆ You can add the phone numbers to your Phonebook from the last number redial list (page 38).

Defining the MSN for the next call

You can select a valid send MSN for this call only even when dialling from the last number redial list. **Precondition: MSN next call** must be activated (page 97).

Select an entry and press ☰+ to open the submenu. Using **Dial number** OK displays the list of MSNs.

Automatic redial

With this function, the phone number of a party you did not reach is redialled automatically every 20 seconds. The handsfree key flashes and "Open listening" is activated. If the party answers, press the talk key . "Open listening" remains activated. If the party does not answer, the call is terminated after approx. 30 seconds. The function switches itself off after twelve unsuccessful dialling attempts.

To be able to use automatic redial from the last number redial list, **MSN next call** must be deactivated for the handset (page 97).

	Press end call key.
⊙	Open the last number redial list. The party who could not be reached is selected.
➡	Open the menu.
Automatic Redial OK	Confirm.

To cancel automatic redial, press the display key CANCEL or any key.

i	A call in the meantime deactivates the automatic redial. You must activate it again afterwards.

Deleting a single phone number

⊙	Open the last number redial list.
⬇	Select an entry and open the menu.
⬇ **Delete entry** OK	Select the menu item and confirm.
⊜	**Hold** down (back to idle status).

Opening lists with the message key

Providing a new entry is present in the relevant list, you can open the following lists using the message key ✉:

1. Incoming SMS message list **Textmessage(SMS)** (page 57)
2. List of missed calls **Missed calls** (page 42)
3. Answering machine lists **AM1**, **AM2**, **AM3** (on base station SX353isdn, page 67)

These lists display the calls, messages and text messages belonging to the receive MSN's assigned to the base station.

As soon as a **new entry** (calls, messages on an integrated answering machine and/or SMS) were received in one or more lists, the key ✉ **flashes** and an advisory tone is heard.

If the flashing key ✉ is pressed, the following is displayed:

- If only one list has new entries, you will see the first new entry in that list.
  Open entry: ⬇ (Select entry) OK
- If several lists have new entries, those lists are offered for your selection.
  Open entry: ⬇ (select list) OK, ⬇ (select entry) OK

If the key ✉ is pressed, and it is not blinking, the following is displayed:
The message **No new messages** is displayed. Then the list of missed calls are opened.

Caller lists

There are two caller lists:

- the list of **missed** calls

  It contains all calls that have not been answered or have been rejected and all calls answered by an answering machine for which there is no message.
- the list of **answered** calls

  This contains all the calls answered by an internal user or answering machine.

These lists show the calls on a receive MSN assigned to the base station. In each case the phone numbers for the last 20 calls are stored. The oldest entry is deleted if a caller list is full and new entries are added. The most recent entry is at the top of the list and the oldest at the bottom.

A caller is entered in the relevant caller list at the end of a call. If his phone number is transferred and this phone number is entered in the Phonebook, his name is inserted. If there are several identical entries only the most recent will be displayed in the two lists. If an outgoing call is made to a caller who is entered in the list of missed calls, then this entry is transferred to the last number redial list and deleted from the list of missed calls.

The following is displayed for each entry:

- the number of calls for this caller,
- the phone number of the caller or his name (if it exists as a Phonebook entry) or **unknown**, if the phone number was not transferred,
- the receive MSN
- the date and time of the last call

Opening caller lists

You can open both caller lists via the menu. The list of missed calls can also be opened using the ✉-key, providing there is a new entry present (page 41). New entries in the list of missed calls are signalled by the ✉ key flashing.

☰	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
either ...	
↓ **Accepted calls** OK	Select the menu item and confirm.
or ...	
↓ **Missed calls** OK	Select the menu item and confirm.

i	If another internal user has already opened a caller list you cannot open it.

Calling back a caller

Precondition: The caller's number has been identified (page 23).
Open the list of missed or answered calls (page 42). **Now**:

↓	Select entry.
either ...	**Dial after line seizure**
✆ ◁)	Lift the receiver or press the handsfree key.
or ...	**Dial before line seizure (block dialling)**
☰+	Open the menu.
Dial number OK	Confirm. Callback begins at once. If you do not lift the receiver, the handsfree function is activated automatically.

The phone number is deleted from the caller list and entered in the last number redial list.

i	To a PABX: The access code (outside line code) is automatically put before the phone number (page 137).

Callback with network provider prefix
For callback, you can precede the phone number with the prefix for a network provider (page 45). Select an entry and press ☰+ to open the submenu. Using ↓ **NET list** OK displays the speed dial list containing the phone numbers of the network providers.

Defining the MSN for the next call
You can select a valid send MSN for this call only for callback. **Precondition: MSN next call** must be activated (page 97). Select an entry and press ☰+ to open the submenu. Using **Dial number** OK displays the list of MSNs.

Displaying an entry

Open the list of missed or answered calls (page 42). **Now**:

↓ ☰+	Select entry and open the submenu.
↓ **Display entry** OK	Select the menu item and confirm.

Changing the caller's phone number

Open the list of missed or answered calls (page 42). **Now**:

↓ ☰+	Select entry and open the submenu.
↓ **Change number** OK	Select the menu item and confirm. You will now see the number.
	Change the number.
☰+	Press the display key to open the submenu.
Save entry OK	Confirm.

Adding an entry to the Phonebook from the caller list

Open the list of missed or answered calls (page 42). **Now**:

↓ ☰+	Select entry and open the submenu.
↓ **Copy to dir.** OK	Select the menu item and confirm.
	Enter names in the line marked by **<Name>** (for details of entering text see page 151).
☰+	Press the display key to open the submenu.
Save entry OK	Confirm. The entry is stored.
ⓔ	**Hold** down (back to idle status).

Deleting an entry from the caller list

Open the list of missed or answered calls (page 42). **Now**:

either ...	**Delete a single entry:**
↓ ☰+	Select entry and open the submenu.
↓ **Delete entry** OK	Select the menu item and confirm. The entry is deleted.
or ...	**Delete all entries:**
☰+	Open the submenu.
↓ **Delete list** OK	Select the menu item and confirm.
YES	Confirm the prompt.
ⓔ	**Hold** down (back to idle status).

Making cost-effective calls

Sign up with a network provider who offers particularly low-cost call rates (call-by-call) or view the call charges on the base station. You can use the speed dial list to manage your call-by-call numbers.

i	You can manage entries in the speed dial list in exactly the same way as entries in the Phonebook. You will find instructions on storing, editing and deleting entries starting on page 36.

Linking a call-by-call number with a phone number

This function can be used to put a network provider's prefix in front of the telephone number ("linking").

	Open the speed dial list.
↓	Select entry and open the submenu.
Display Number OK	Confirm.
either ...	**Enter the telephone number:**
	Enter the telephone number.
or ...	**Select a number from the Phonebook:**
↓ OK	Open the Phonebook, select an entry and confirm.
... then	
	Lift the receiver. The number is dialled.

i	To make this function easier to use, you can also set one of the function keys accordingly (page 116).

Call duration display

When you are called, the call duration is automatically displayed in the display.

If you call someone else, the call duration is displayed until the call charge display is transferred. (**Precondition**: You have asked your network provider to transfer the call charges.)

When the call is ended, the call duration display stops. It remains for approximately 3 seconds before the handset goes into idle status.

Call charge display

You can display the charges if you have requested this from your network provider.

You can check the ongoing units / total charges and the charges for the last call made (depending on setting, see page 48) on each terminal. The total charges includes the charges accrued by this terminal. If you don't receive any rate information from your network provider, the call duration is displayed.

Setting up the charge calculation

Ask your network provider if the call charges are transferred as a rate unit or as an amount. Set the account type **Units cent.off.** or **Costs cent.off.** accordingly.

If you have selected **Costs cent.off.**, but only units are transmitted by the network provider, after the call, it will automatically switch to **Units cent.off.**.

By factory default, **Units cent.off.** is pre-set**.**

Setting the account type

ⓜ	Open the menu.
↓ **Costs** OK	Select the menu item and confirm.
↓ **Type of calcul.** OK	Select the menu item and confirm.
either ...	**Set Costs cent.off.:**
↓ **Costs cent.off.** OK	Select the menu item and confirm (✓ = activated).
or ...	**Set Units cent.off.:**
↓ **Units cent.off.** OK	Select the menu item and confirm (✓ = activated).

i	If you have also entered a factor (see section "Entering the price per unit", page 47), the call charges are multiplied by this factor. You can also use a factor if you want to charge higher call charges (e.g. increase charges by a factor of 2); otherwise deactivate the factor.

The **No rate** pre-set will display units.

Entering the price per unit

In order for the invoice type **Units cent.off.** to be able to calculate charges, you must define the currency and the price per unit (by factory default: **No rate**). For this charge calculation, **Units cent.off.** must be set (factory default).

ⓜ	Open the menu.
↓ **Costs** OK	Select the menu item and confirm.
↓ **Type of calcul.** OK	Select the menu item and confirm.
either ...	
↓ **Rate --.-** OK	Select the factor with a comma, and confirm.
or ...	
↓ **Rate ---** OK	Select the factor without a comma, and confirm.
... then	
	Enter the factor (4-digit), e.g.. 0019 for 0.19 Euro
	If necessary, enter the currency (Factory default: EUR):
→	Press the display key to select the currency symbol.
	Press the display key to open the submenu.
↓ **Currency:** OK	Select the currency (€, $, £) and confirm.
	Saving the factor:
	Press the display key to open the submenu.
Save entry OK	Confirm.

Displaying and deleting the cost overview

Depending on the setting, call or charge units for each internal user, for each set-up MSN, and for the entire system are displayed.

⊜	Open the menu.
↓ **Costs** OK	Select the menu item and confirm.
Cost overview OK	Confirm. The total amount (for all internal users) is displayed.
↓	Scroll to the accounts for the individual internal users or MSNs set up.
	If necessary, delete the amount from the cost overview:
☰+	Press the display key to open the submenu.
↓ **Delete amount** OK	Select the menu item and confirm.

i	Total and individual charges must be deleted separately, i .e. if for example you delete the amount for an MSN, the individual charges for the terminals are retained, and must be deleted separately.

Activating/deactivating the charges of the last call

You can display the total charges and the charges of the last call for this terminal on the terminal. **Precondition: MSN next call** is **not** activated.

By factory default, **Last charge** is deactivated.

⊜	Open the menu.
↓ **Costs** OK	Select the menu item and confirm.
↓ **Last charge** OK	Select the menu item and confirm (✓ = activated).
⊜	**Hold** down (back to idle status).

Once the function has been activated, the call charges are displayed on the terminal when you lift the receiver. If the connection was not successful, the charges are displayed after ending the call.

SMS (text messages)

You can use your base station to send and receive SMS text messages (**S**hort **M**essage **S**ervice). You ca send an SMS to any fixed network or mobile phone network number. Your SMS can be received as a text message by any device with SMS functionality (mobile phone, PC, another telephone). If the recipient of your SMS does not have a phone with SMS functionality, then the SMS is played back.

General

Text messages are exchanged between SMS centres that are operated by service providers. The telephone number of the SMS centres through which you wish to send and receive text messages must be entered in your phone (page 50). Up to ten SMS centres can be entered. By default, the **SMS Service Centre "Anny Way"** and **the provider's SMS service** are preconfigured. You can change the telephone numbers of the SMS centres.

You ca receive text messages via **any** of the SMS centres whose number you have entered. Of course you must be registered to receive text messages with those SMS centres (page 52).

Your text message is sent through the SMS centre that is entered as the **active** send service centre.

Before you can send and receive text messages

- Your network provider supports SMS in the fixed network. Contact your network provider for more information.
- Calling Line Identification may not be permanently deactivated for the MSN used (page 24).
- To receive text messages you must be registered with your service provider (page 52).
- You must not allow the network provider to bar the phone numbers you have entered for SMS centres.

If the telephone of a receiver cannot receive an SMS in the fixed network, the SMS is automatically read as a voice message. Between 7.00 and 22.00 hrs, these text messages are delivered immediately in the form of a telephone call. Text messages sent after 22.00 hrs are stored and delivered the next day.

Managing SMS service centres

SMS messages are exchanged through SMS service centres. To send and receive a text message, you require the phone number for your service provider's SMS centre. You have to store this phone number in your telephone.

You may enter up to ten SMS centres in your telephone.

Sending an SMS – send centre

You must enter the phone number of the SMS centre via which you want to send the SMS in your telephone and activate it as the "send centre" (page 50 and page 51). This phone number will be used for sending all SMS messages.

By default, the "Anny Way" SMS centre has already been entered (number 0190 01504) and activated as the send centre. This means that, in Germany, you may send text messages immediately.

You can activate another SMS centre as your send centre. The send centre that was activated previously is then automatically deactivated.

Receiving an SMS

Text messages can be received via all SMS centres entered, assuming you are registered with these SMS centres as an SMS recipient (for information about registering, see page 52).

Entering, editing or deleting phone numbers for SMS centres

You can enter up to ten SMS centres.

Before entering or editing the number, please obtain information about special features and what the SMS service provider offers.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
↓ **Service centres** OK	Select the menu item and confirm. The phone number list appears.
↓	Select entry, e.g. **<empty>**.
☰+	Open the submenu.
either ...	**Changing an entry:**
Edit entry OK	Confirm.
🖐	Enter the phone number of the SMS centre.
☰+	Press the display key to open the submenu.
Save entry OK	Confirm.
or ...	**Delete an entry:**
↓ **Delete entry** OK	Select the menu item and confirm.
ⓜ	**Hold** down (back to idle status).

i	◆ If you delete the phone number of a send centre, then you must activate another SMS centre to be the send centre in order to be able to continue sending text messages. ◆ If your telephone is connected to a PABX, you may have to prefix the phone number with an access code (number with which you obtain an exchange line, usually "0") (this depends on your PABX), see page 61.

Activating/deactivating SMS send centre

To send an SMS you must activate the phone number for the required SMS centre as the send centre. By doing this you determine via which SMS centre the text message is to be sent. Text messages can be received via all SMS centres entered, as long as you have previously been through the registration procedure (see the next chapter) as an SMS-capable connection.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
↓ **Service centres** OK	Select the menu item and confirm. You will now see the phone number list.
↓	Select the required telephone number.
☰+	Open the submenu.
either ...	**Activate SMS centre as the send centre:**
↓ **Serv.centre on?** OK	Select the menu item and confirm. The display switches to **Serv.centre off?**
ⓜ	**Quick** press (back to list of send centres). The SMS centre is activated as the send centre. In the list the phone number of the SMS centre is marked with a ✓. The previous active send service centre is deactivated automatically.
or ...	**Deactivate SMS centre:**
↓ **Serv.centre off?** OK	Select the menu item and confirm. SMS centre is deactivated.
ⓜ	**Quick** press (back to list of send centres).

i	◆ When the **Service centres** phone number list is opened, the display jumps immediately to the send centre. ◆ If you have not activated an SMS send centre you will not be able to send an SMS, but you will be able to receive text messages from all the SMS centres you have entered.

Registering/de-registering with an SMS centre

In order to be able to receive text messages on your phone you must first register your phone number with an SMS service provider. You can find out from the service provider concerned which information you need to send to register and de-register.

The phone number of the SMS centre must be entered and activated as the active send service centre in order to register with them.

After you have registered, remember to re-activate the SMS centre as the send centre via which you wish to send text messages.

i	Make sure that you register the phone number (MSN) that is assigned to the base station as the send MSN (page 96), and with which you are sending the text message. If you also want to send and receive text messages using other registered handsets with different send MSNs, then you must also have these phone numbers registered.

Memory

The number of text messages that can be stored by the base station depends on the size of the messages. The memory is used for the incoming and outgoing message list. If the memory is full, the message **Text list full! Please delete entries** is displayed. Delete text messages you no longer require from the incoming and outgoing message lists.

You can check how much capacity your SMS memory has left (in %).

ⓜ	Open the menu.
SMS OK	Confirm.
↓ **Available memory** OK	Select the menu item and confirm. The available memory will be displayed (in %).
Back	Press (back to idle display).

Sending a text message and the outgoing message list

Notes on writing and sending an SMS message

If you are interrupted as you are writing (by a call, an incoming SMS or because the handset changes to idle status because of prolonged inactivity), the SMS is automatically stored in the **outgoing message list**. You can continue writing the SMS later (page 55).

Text messages that **cannot** be sent are assigned an error status (page 61) and are placed in the **incoming message list**.

Text messages are only stored automatically if sending is interrupted. If you wish to store a message then you must do so **before it is sent**.

i	Remember that some **service providers** will bill you for a cancelled call to the SMS centre.

Writing text messages

A text message can be up to 160 characters long.

Remember that the service provider cannot deliver a text message that contains Greek or Cyrillic characters.

Write text messages as follows:

⊙≡		Open the menu.
SMS	OK	Confirm.
Write message	OK	Confirm. The input field opens.
		Input your text (for text input see page 151).

i	◆ Please refer to the **Character Set Chart** (page 151) to see how to enter text correctly. ◆ Use 0 to insert a space, and * to toggle between upper case, lower case and digits (page 151). ◆ You can find out how to correct text on page 11. ◆ If you receive a text message that is incomplete (e.g. because your phone memory is full), you will see a message.

Saving text messages

Precondition: You have written a text message (page 53) and the input field is open.

☰+	Press the display key to open the submenu.
↓ **Store** OK	Select the menu item and confirm. You can then send the text message (page 54).

The message is stored in the **outgoing message list**. It can be retrieved and sent at a later time (page 55).

Sending a text message without saving it

Precondition: You have written a text message (page 53) and the input field is open.

☰+	Press display key to open menu.
Send OK	Confirm.
either ...	
	Enter the recipient's number (with prefix).
or ...	**Select a number from the Phonebook:**
📖	Open the Phonebook.
↓ OK	Select entry and confirm. The number appears in the display.
... then	
☰+	Press the display key to open the submenu.
Send OK	Confirm.

i	The recipient's number must always include the **area code** (prefix), even if you are in that area.

Examples of phone number inputs:

08912345678	A national telephone number within the fixed network
077x1234567	A number within the mobile phone network

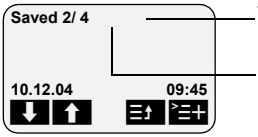
Opening the outgoing message list

The **outgoing message list** shows you:

- Text messages which you saved **before you sent them** (page 54).
- Text messages you could not send, e.g. you were interrupted by an incoming call while you were writing the message.

However, the list only shows text messages that are assigned to the same send MSN as the base station.

These messages are stored until you delete them.

ⓜ	Open the menu.
SMS OK	Confirm.
↓ **Outbox 4** OK	Select the menu item and confirm. The figure shown indicates how many text messages are stored in the outgoing message list.  Use ↓ ↑ to scroll through the list.

i	When the memory is full, you are prompted to delete messages (page 52).

Reading and deleting text messages in the outgoing message list

Precondition: You have opened the outgoing message list (page 55).

↓	Select SMS.
☰+	Open the submenu.
either ...	**Read SMS:**
Read textmessage OK	Confirm. Use ↓ to view the continuation of the text message in the display.
or ...	**Delete SMS:**
↓ **Delete textmess.** OK	Select the menu item and confirm.

Deleting the entire outgoing message list

This function deletes all the messages in the outgoing message list.

Precondition: You have opened the outgoing message list (page 55).

☰+	Open the submenu.
↓ **Delete list** OK	Confirm.
YES	Press the display key to confirm the prompt.
ⓒ	**Hold** down (back to idle status).

Sending or editing text messages in the outgoing message list

Precondition: You have opened a text message in the outgoing message list to read (page 55).

☰+	Open the submenu.
either ...	**Write and send a new text message:**
Write message OK	Confirm. The input field is opened (page 53). You can write a new text message.
or ...	**Edit and send a stored text message:**
↓ **Use text** OK	Select the menu item and confirm. The input field is opened with the contents of the stored text message. You can edit the text.

You can now send the message as described on page 54.

Sending a text message to an e-mail address

You ca send a text message to an e-mail address. To do this you should write the recipient's e-mail address at the start of the text message and send this text message to the call number of the e-mail service of your SMS send centre.

Entering the e-mail address at the start of the text message

Enter the recipient's e-mail address at the start of your text message. Use a space to separate the e-mail address from the message text (e.g. for "Anny Way", Deutsche Telekom) or insert a colon (for other providers).

Enter the "@" character using the hash key [#] (press x 2), the colon using the [0] key (press x8), and the space with [1] (press once).

Use ☰+, ↓ **Store** OK to save temporarily.

Precondition: You are writing a text message (page 53) and the input field is open.

	Enter the full e-mail address and end it with a space or a colon.

Entering the text of the message

	Enter the SMS text. Email address, space, SMS text (example)
	Press the display key to open the submenu.
Send OK	Confirm.

Sending a text message as an e-mail

You must send the text messages to the **number for the e-mail service of your send centre**.

	Enter the number of the e-mail service.
	Press the display key to open the submenu.
Send OK	Confirm.

Receiving text messages, incoming message list

Notes on receiving a text message

New text messages are signalled by a message in the display, flashing of the message key ✉ and a confirmation tone. The date and time (transferred from the SMS centre) are indicated for each SMS received.

New unread text messages appear before read messages in the received messages list. Each category is then sorted by the time it was received: oldest unread message, ... newest unread message, oldest read message, ... newest read message.

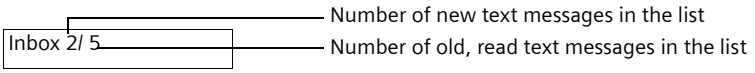
Linked text messages are displayed as **one** SMS. If an incoming linked message is too long or has not transferred completely, it will be split into individual messages and stored in the incoming message list.

Opening the incoming message list

The **incoming message list** shows you:

- all received messages,
- messages that could not be sent despite several attempts. These messages are all stored with an error status (page 61).

The message list is displayed, e.g. follows:



Opening with the message key

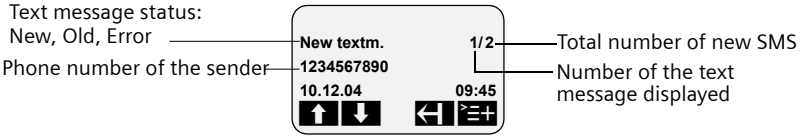
Precondition: There is at least one **new** message in the list.

✉	Press the message key. If there are no new calls/messages in the other lists, then the first **new** text message is opened immediately. Otherwise:
SMS	Press the display key.
↓ Inbox 2/ 5 OK	If necessary, select and confirm. The incoming message list is opened and the first **new** message is displayed.

Opening with the menu

☰	Open the menu.
SMS OK	Confirm.
↓ Inbox 2/ 5 OK	Select the menu item and confirm.

A new text message is displayed, e.g. as follows:



If the SMS memory is full and the SMS centre is unable to transfer any more, an appropriate message will appear on the screen. Press OK to confirm and delete text messages you no longer need from the incoming and outgoing message list (see also page 55 and page 59). The SMS centre will then re-transmit the text message.

Reading and deleting text messages in the incoming message list

Precondition: You have opened the incoming message list (page 58).

↓	Select SMS.
☰+	Open the submenu.
either ...	**Read SMS:**
Read textmessage OK	Confirm. Use ↓ to view the continuation of the text message in the display.
or ...	**Delete SMS:**
↓ **Delete textmess.** OK	Select the menu item and confirm.
ⓒ	**Hold** down (back to idle status).

Once you have opened a new message it acquires the status **Old textm.**.

Deleting the entire incoming message list

This function deletes **all new and old** text messages in the incoming message list.

Precondition: You have opened the incoming message list (page 58).

☰+	Press the display key to open the submenu.
↓ **Delete list** OK	Select the menu item and confirm.
YES	Press the display key to confirm the prompt.
ⓒ	**Hold** down (back to idle status).

Replying to or forwarding text messages

While you read a text message you can use the following functions:

☰+	Press the display key to open the submenu.
either ...	**Reply to an incoming message:**
Reply OK	Confirm. You can reply to the message immediately in the input field.
or ...	**Answer 'Yes':**
↓ **Answer: Yes** OK	Select the menu item and confirm.
or ...	**Answer 'No':**
↓ **Answer: No** OK	Select the menu item and confirm.
or ...	**Edit the incoming message and return it:**
↓ **Use text** OK	Select the menu item and confirm.
	Edit text.

... then	
☰+	Press the display key to open the submenu.
Send OK	Confirm and then send the message as described on page 54. The sender's phone number is provided automatically.
or ...	
↓ **Store** OK	Select and confirm to store the entry.

To forward a text message, open the menu with ☰+ and select the **Send** option. Now send the message as described on page 54.

Calling back the text message sender

Open the SMS incoming message list (page 58). **Now**:

↓	Select entry.
either ...	
✆	Press the talk key.
or ...	
☰+	Press the display key to open the submenu.
Dial number OK	Select.
or ...	**Dial using network provider's prefix:**
☰+	Press the display key to open the submenu.
↓ **NET list** OK	Open the speed dial list.
↓ OK	Select entry and confirm. The network provider's prefix is put in front of the phone number.
... then	
↓ OK	If **MSN next call** is set for the handset (page 97), select the outgoing MSN and confirm.

i	To a PABX: The access code (outside line code) is automatically put before the phone number (page 137).

Adding a text message sender's telephone number to the Phonebook

Precondition: You have opened the incoming message list and selected a message (page 58).

	Press display key to open menu.
↓ **Copy to dir.** OK	Select the menu item and confirm.
↓	Go to the **Name** line and enter the name (max. 16-digits) (for entering text, see page 151).
	Press display key to open menu.
Store OK	Confirm. The entry is stored.
	Hold down (back to idle status).

i	You can create a special Phonebook for SMS within your main Phonebook by putting an star (*) before the names.

Text messages to a PABX

You can only receive a text message when the Calling Line Identification is forwarded to the extension of the PABX (CLIP).

The CLIP of the phone number of the SMS centre is evaluated in your telephone.

If your phone is connected to a PABX, you may have to prefix the number of the SMS centre with an access code (this depends on your PABX). You can store the access code on your base station (page 137).

If in doubt, you can test your PABX by sending a text message e.g. to your own number and putting the access code before the number of the SMS centre. If you do not receive the message, send another one, this time without the access code.

When you send messages, your sender number may be sent without your extension number. The recipient cannot reply to you directly in this case.

Errors when sending and receiving a text message

Errors when sending a text message

Text messages that **cannot** be sent are assigned an error status e.g. **FD error:** and are stored in the **incoming message list**.

The following error codes are displayed:

Error code	Description
E0	Calling Line Identification is permanently deactivated (page 24).
FE	Error occurred during message transfer.
FD	Connection to SMS centre failed. Text messages cannot be sent or received if the number of an SMS centre is missing or incorrectly stored. Check that the number of the SMS centre has been correctly stored.
C3	Wrong recipient phone number

You can display information about the cause of errors on the screen.

Precondition: You have opened the incoming message list (page 58).

⬇	Scroll to the text message you were unable to send.
☰+	Open the submenu.
⬇ **Error status** OK	Select the menu item and confirm. The cause of the error appears in the display.
BACK	Now press the display key to return to the incoming message list.

Errors when receiving a text message

A message appears on the screen if your phone cannot receive any more text messages.

You **cannot** receive text messages under the following conditions:

- Call diversion is activated with **Immediately**,
- the memory (incoming and outgoing message lists) is full.

Self-help with error messages

Error Message	Possible Cause	Remedy
You cannot send messages.	The "Calling Line Identification" (CLIP) is permanently withheld.	Permit Calling Line Identification (CLIP) again (page 24).
	Message transmission was interrupted (e.g. by an incoming call).	Re-send the message.
	No number or an invalid number is entered for the SMS centre activated as the send centre.	Enter phone number (page 50).
You receive a message whose text is incomplete.	Your phone's memory is full.	Delete some old messages (page 59).
The message is played back.	Your terminal is stored in the database of your SMS provider as having no fixed network SMS functionality, i. e. you are no longer registered with the provider.	Register the terminal (again) for SMS reception.
Messages are only received during the day.	If your SMS network provider's database does not yet know that your terminal supports fixed network SMS functionality, then it will only attempt to deliver messages during the day.	Register the terminal (again) for SMS reception to get it re-assigned in the database.
No send centre available! SMS only saved.	You have not entered an SMS centre.	Activate an SMS centre (page 51).

If you have set up an SMS centre but have not yet registered with the centre, **Sending text notification** appears in the display. The message is stored in the incoming message list **FD error:**.

Operating the answering machine (on SX353isdn)

The Gigaset SX353isdn has three answering machines (AM1, AM2, AM3), which can be used independently of each other. You can operate the answering machines either directly via the base station, a registered handset or by remote control (internal or external call to the answering machine, see page 72).

Answering machines are not assigned an MSN (factory default).

- AM1 answers all calls.
- Each answering machine can be set, operated and played back from each handset/terminal.

One or more MSNs are assigned to each answering machine:
Each answering machine can only be set and played back using handsets/terminals with the same receive MSN.
Exception: If a receive MSN is exclusively assigned to an answering machine, then this answering machine can be used from all internal users.

i	If an answering machine is being used by a user (directly or via remote operation), no other user can access the answering machine during this time.

The date and time of arrival of each message is logged if you have previously set this function (page 86).

You can hide answering machines you do not wish to use, see page 77.

Definitions of terms used below:

Message	Message that a caller leaves on the answering machine.
Memos	"Spoken notes" that you can leave on the answering machine for members of your family or office colleagues, for example.
AM mode	Answer and record or announce only.
Answer and record mode	The caller hears the announcement and may then leave a message.
Announce only mode	The caller hears the announcement but cannot leave a message.

Selecting an answering machine

ⓜ	Open the menu.
↓ **Answering mach.** OK	Select the menu item and confirm.
↓ **AM1** OK	If necessary, select answering machine and confirm, e.g. **AM1**.
OK	If AM lock is set (page 80): enter the answering machine PIN and confirm.

The list only contains the shown answering machines. If only one answering machine is shown, the list is skipped.

Activating/deactivating the answering machine

You can only activate/deactivate an answering machine when time control is not active (page 81).

Precondition: You have selected an answering machine (page 63).

either ...	**Activate the answering machine:**
↓ **Activate?** OK	Select the menu item and confirm.
or ...	**Deactivate the answering machine:**
↓ **Deactivate?** OK	Select the menu item and confirm.

When activating, the **remaining memory time** (in %) is shown on the display.

Which AM mode the answering machine assumes after activation (answer and record mode or announce only mode) depends on the announcement selected (page 64).

You can only activate an answering machine in answer and record mode if there is memory still available. If the remaining memory is less than 60 seconds, you will be prompted to delete old messages. When the remaining memory is less than 10 seconds, the answering machine is started in announce only mode.

If the answering machine is activated the key is illuminated.

Selecting announce only and AM mode

You can activate **Announcement 1**, **Announcement 2** or **Announcem. only** for each answering machine. As supplied, the three announcements already contain standard announcements.

When you select an announcement you also determine in which AM mode the answering machine is to run (page 63).

- **Announcement 1**, **Announcement 2:** Answer and record mode
- **Announcem. only:** announce only mode

In answer and record mode a **Concl.announcem** is given automatically at the end of a recording provinding you have recorded a concluding announcement (page 65).

When the phone is supplied **Announcement 1** is selected. The **Concl.announcem** contains nothing.

Precondition: You have selected an answering machine (page 63).

↓ **Announcements** OK	Select the menu item and confirm.
↓ **Announcement 2**	Select announcement, e.g. **Announcement 2** (✓ = activated).
☰+	Press the display key to open the submenu.
Select OK	Confirm. The previously set announcement is automatically deactivated.

i	The answering machine switches automatically from recording mode to announce only mode when the memory is full. As soon as memory space is made available (e.g., because you have deleted some messages) the answering machine automatically switches back to answer and record mode.

Recording/changing announcements

You can record the following announcements: **Announcement 1**, **Announcement 2**, **Announcem. only** and **Concl.announcem**.

Precondition: You have selected an answering machine (page 63).

↓ **Announcements** OK	Select the menu item and confirm.
↓ **Announcement 2**	Select announcement, e.g. **Announcement 2** (✓ = activated).
☰+	Press the display key to open the submenu.
↓ **Record** OK	Select the menu item and confirm.
START	Press the display key to start recording.
	Say the announcement message.
STOP	Press the display key to end the recording. The announcement is repeated for you to check.

Recording is automatically terminated if:

- if you pause for more than 8 seconds when recording your announcement
- the memory is full. Delete old messages or announcements you no longer require.

The announcement will not be stored if you press the end call key during the recording or repeat playback.

Playing back/deleting announcements

Precondition: You have selected an answering machine (page 63). You can only delete announcements you have recorded yourself. The default announcement cannot be deleted.

↓ **Announcements** OK	Select the menu item and confirm.
↓ **Announcement 2**	Select announcement, e.g. **Announcement 2** (✓ = activated).
☰+	Press the display key to open the submenu.
either ...	**Play back the announcement:**
↓ **Play back** OK	Select the menu item and confirm.
or ...	**Delete the announcement:**
↓ **Delete** OK	Select the menu item and confirm.
YES	Press the display key to confirm the prompt.

Recording memos

Memos are "spoken notes" recorded, for example, for members of your family. A memo is played back, saved and deleted in the same way as a message. If there is a new memo, the message key ✉ flashes on all handsets assigned to the answering machine.

You can also record memos when the answering machine is deactivated.

When the memory is full, and when there are pauses in the recording longer than 8 seconds, the recording of the memo is cancelled automatically.

Precondition: You have selected an answering machine (page 63).

↓ **Memos** OK	Select the menu item and confirm.
↓ **Record memo** OK	Select the menu item and confirm.
START	Press the display key to start recording.
	Say the memo message.
STOP	Press the display key to end the recording.

To cancel the recording, press the display key BACK.

Two-way recording

You can make a two-way recording of a call. The two-way recording can then be played back or deleted like a message.

During a call:

☉	Open the menu.
↓ **Record** OK	Select the menu item and confirm.
↓ **AM1** OK	Select an answering machine and confirm, e.g. **AM1**. The two-way recording starts at once.
STOP	Press the display key to end the two-way recording.

i	Two-way recording is also ended when the call ends or when the memory is full. You should inform the person you are speaking to in advance that you are making a two-way recording.

Picking up a call from the answering machine

You can pick up a call, even if the answering machine has already switched itself on, your announcement is running or the caller is already leaving a message. When you pick up the call the recording stops.

Precondition: To pick up an answering machine call, the minimum authorisation "Answer only" is required (page 92).

	Automatic call pick up is activated (see page 84, factory default):
/	Press the talk or handsfree key. You pick up the call.
	Automatic pickup is deactivated:
/	Press the talk or handsfree key.
either ...	
OP.LIST	Press the display key to screen the call. The caller cannot hear you.
or ...	
ACCEPT	Press the display key to pick up the call.

In order to call another external party while the answering machine is recording a call you must deactivate the automatic pickup (page 84).

Playing messages

New messages are indicated by the flashing message key ✉. Pressing the message key ✉ gives you direct access to the new messages.

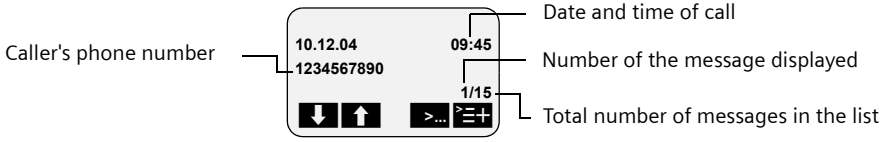
You can also open the lists of messages via the menu.

Precondition: You have selected an answering machine (page 63).

Messages	OK	Confirm. Playback starts with the newest message.

When all the messages have been played back you will be asked whether you wish to delete the messages.

The following is shown on the screen for each message:



If automatic pause is activated the answering machine switches to pause mode after playing back a message. Press the display key >... or the ▷ key to continue playback.

Jumping to the next or previous message during playback

↓	Go to the next message.
↑	Skip to beginning of current message.
>...	Repeat the last 5 seconds of the current message. If less than 5 seconds have elapsed, the current message is played back from the beginning.
↑ ↑	Skip to previous message.

Switching to pause mode during playback, ending pause mode

ⓦ	Switch to pause mode.
Continue OK	Confirm. Continue playback.

Returning a call during playback

You can call back a caller immediately while a message is being played. **Precondition**: The caller's number has been identified.

During playback:

>☰+	Press the display key to open the submenu.
either ...	**Call back:**
↓ **Call back** OK	Select the menu item and confirm.
or ...	**Call back using the network provider's phone number:**
↓ **NET list** OK	Select the menu item and confirm.
↓ OK	Select the network provider's number and confirm.

Playing a message to another caller

During an external call you can play messages from the answering machine to the person you are calling.

Precondition: The same receive MSN is assigned to the base station (or handset) and the answering machine.

During the call:

⊜	Open the menu.
↓ **Play message** OK	Select the menu item and confirm.
↓ **AM1** OK	If necessary, select answering machine and confirm, e.g. **AM1**.
OK	If AM lock is set (page 80): enter the answering machine PIN and confirm. Information about the oldest message is displayed on the screen. The message is **not** played back.
↓	Select message and open the submenu.
↓ **Playback** OK	Select the menu item and confirm. The playback starts. The other party can hear the message being played.
	End playback:
	Press the display key to open the submenu.
↓ **Exit** OK	Select the menu item and confirm. The playback stops.

Playing back memos

Precondition: You have selected an answering machine (page 63).

↓ **Memos** OK	Select the menu item and confirm.
↓ **Play memo** OK	Select the menu item and confirm.
↓ ↑	Jump to the next or previous memo.

Setting the playback speed

You can set the playback speed of messages/memos in four levels: **Slow**, **Normal speed**, **Fast** or **Very fast**. When the phone is supplied **Normal speed** is set for all answering machines.

During playback:

☰+	Press the display key to open the submenu.
↓ **Speed** OK	Select the menu item and confirm.
↓ **Fast** OK	Select the speed level and confirm, e.g. **Fast** (✓ = set).

Playback continues at the new speed. All subsequent messages/memos are played back at this speed until you make another change.

Deleting messages/memos

You can delete messages or memos individually or all together. Only messages and memos that have been listened to for at least 3 seconds can be deleted. These recordings are then designated as "old".

Deleting single messages/memos

Precondition: You have selected an answering machine (page 63).

either ...	**Delete a single message:**
Messages OK	Confirm. Message playback begins.
↓ ↑	Select message.
☰+	Press the display key to open the submenu.
↓ **Delete message** OK	Select the menu item and confirm. The current message is deleted.
or ...	**Delete a single memo:**
↓ **Memos** OK	Select the menu item and confirm.
↓ **Play memo** OK	Select the menu item and confirm.
↓ ↑	Select memo.
☰+	Press the display key to open the submenu.
↓ **Delete curr.memo** OK	Select the menu item and confirm. The current memo is deleted.

Deleting all old messages/memos

Precondition: You have selected an answering machine (page 63).

either ...		Delete all old messages:
Messages	OK	Confirm. Message playback begins.
☰+		Press the display key to open the submenu.
↓ **Del.old messages**	OK	Select the menu item and confirm.
YES		Confirm.
or ...		**Delete all old memos:**
↓ **Memos**	OK	Select the menu item and confirm.
↓ **Play memo**	OK	Select the menu item and confirm.
☰+		Press the display key to open the submenu.
↓ **Delete old memos**	OK	Select the menu item and confirm.
YES		Confirm.

Marking an old message or memo as "new"

You can mark messages/memos you have already played back as "new". This will display this message/memo on the handset as a new entry by flashing the message key ✉ or by text in the display.

Pressing the messages key ✉ gives you direct access to the message/memo once more.

During playback:

☰+		Press the display key to open the submenu.
↓ **Status to 'new'**	OK	Select the menu item and confirm. The current recording is given the status "new".

If other recordings are available, playback continues.

Adding a number to the Phonebook

While a message is being played back you can display the caller's phone number and store it in the Phonebook.

Precondition: The caller's number has been identified.

During playback:

☰+		Press the display key to open the submenu.
↓ **Save number**	OK	Select the menu item and confirm.
		Enter name.
☰+		Press the display key to open the submenu.
Store	OK	Confirm.

Remote control

You can control your answering machine remotely from a registered handset or any external connection or mobile telephone, e.g., to play back and delete messages. Apart from the first step, the procedure is the same for both kinds of remote control.

Precondition:

- Remote control from an external connection is only possible if you have defined an AM PIN (page 80). You must always enter the AM PIN when operating from an external device.
- To be able to operate an answering machine from an external device fully (change settings, delete messages) you must enable remote control **and** remote delete (see below).

Notes on remote control

If a function requires two keys to be pressed, then you must press both keys within 4 seconds. Otherwise the entry is terminated or only the function of the second key is carried out. If you press the wrong key first you can press 5 to cancel the wrong entry.

You can call up voice-guided help for some functions:

0 #	Help with deletion
* #	Help with new messages/phrases
6 #	Help with recording
9 #	Help with different operating modes

Enabling remote control and remote delete

When the phone is supplied, remote control and remote delete are deactivated. You must enter the settings for each of the three answering machines you wish to operate remotely.

Preconditions:

- You have selected an answering machine (page 63).
- To activate **Remote control**: You have assigned a PIN to the selected answering machine (page 80).

↓ **Settings** OK	Select the menu item and confirm.
↓ **Remote options** OK	Select the menu item and confirm.
	Set remote control:
Remote control OK	Select the menu item and confirm (✓ = activated).
	If required, set remote delete:
↓ **Remote delete** OK	Select the menu item and confirm (✓ = activated).

Introduction to remote operation while you are away from home

For remote control you need a telephone that transmits DTMF tones (tone dialling). It is important to enter the AM PIN immediately while the announcement is being played. In addition **Remote control** and, if required, **Remote delete** must be activated.

	Dial your own telephone number.
	When the announcement starts, enter the AM PIN at once.

If the AM PIN is entered **three times** incorrectly in succession, the connection is interrupted.

After this you can operate the answering machine using the key commands (page 74).

Introduction to remote operation from a handset (internal)

Added-feature and standard handset

INT	Press the display key.
	Enter internal phone number for the answering machine: 91 for AM1, 92 for AM2 or 93 for AM3.
	If the AM lock has been set (page 80), enter the AM PIN.

Handset made by another manufacturer (GAP mode)

Lift the handset and if necessary, press another key to initiate an internal call.

	Enter internal phone number for the answering machine: 91 for AM1, 92 for AM2 or 93 for AM3.
	If the AM lock has been set (page 80), enter the AM PIN.

Cordless phone adapter and normal telephone

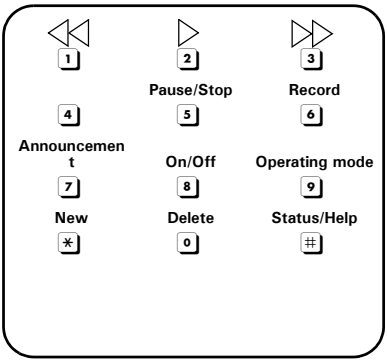
Automatic line seizure must be activated. As supplied, automatic line seizure is activated!

Lift the receiver and then:

	Enter internal phone number for the answering machine: 91 for AM1, 92 for AM2 or 93 for AM3.
	If the AM lock has been set (page 80), enter the AM PIN.

Key sequences for remote control

Once you have initiated remote control of the answering machine, the functions of the keys are the same for all telephones.



Playing back messages and memos	
All messages	2
New messages only	* 2
Pause/Stop	5
Continue playback	2
End playback	5 5
Repeat the last 5 seconds of playback (message or memo)	4
Skipping messages and memos	
To start of message	1
To the previous message	1 1
To the next message	3
Deleting messages and memos	
Single message during playback	0 2
All messages after playback	0 2
Recording an announcement	
Announcement 1	6 7 1
Announcement 2	6 7 2
Announcement	6 7 3
Concluding announcement	6 7 4

Playing back an announcement	
Announcement 1	7 1
Announcement 2	7 2
Announcement	7 3
Concluding announcement	7 4
Selecting an announcement	
Announcement 1	9 1
Announcement 2	9 2
Announcement	9 3
Concluding announcement	9 4
Recording internal memos	
Begin recording	6 2
End recording	5
Activating/deactivating the answering machine	
Activate/deactivate	8
Help	
Check settings	#
Check functions requiring one key to be pushed	# #
Check functions requiring two keys to be pushed	see page 72
End check	5

Setting the answering machine (on SX353isdn)

Once you have connected your telephone your answering machine is ready for use.

Answering machine AM1 is activated. It records all messages (on all receive MSNs). AM1 can be played back and set from all handsets (factory default).

By default, AM2 and AM3 are not activated (page 77). To be able to use them you must activate them and assign them their own receive MSN.

You can configure AM1, AM2 and AM3 separately.

Assigning a receive MSN

You can assign one or more receive MSN's to each (shown) answering machine (AM1, AM2, AM3). However, each MSN can only be assigned to one answering machine (only one recording can be running at any one time).

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
↓ **Setup user** OK	Select the menu item and confirm.
Setup device OK	Confirm.
↓	Select answering machine, **INT 91: AM 91** for AM1, **INT 92: AM 92** for AM2 or **INT 93: AM 93** for AM3.
ⓜ+	Open the submenu.
↓ **Receive MSN** OK	Select the menu item and confirm.
↓ **MSN1:** OK	Select the receive MSN and confirm, e.g. **MSN1: Anna**. Only the MSN's that are still not assigned to an answering machine are offered. Repeat this process for all receive MSNs you want to assign to the answering machine (✓ = activated).
ⓒ	**Hold** down (back to idle status).

Once an answering machine has been assigned to a receive MSN it can only be set and operated via handsets/terminals to which the same receive MSN is assigned.

Hiding/showing an answering machine

If you only want to use one or two answering machines for your connection, you can hide the other answering machine(s) from all displays and menus.

When hidden there must be no messages or memos remaining in the answering machine:

- If there are new messages/memos you have not yet played back on the answering machine, you will be notified when you try to hide it. The answering machine will continue to be **shown**.
- If, when you wish to hide an answering machine, it still contains old messages/ memos that have already been played back, you will be asked if you wish to delete the old recordings. The answering machine is only hidden if you confirm with YES.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
↓ **Setup user** OK	Select the menu item and confirm.
Setup device OK	Confirm. The list of internal numbers is displayed.
↓	Select the internal numbers for the answering machine (**INT 91**, **INT 92** or **INT 93**).
⋮≡+	Open the submenu.
either ...	**Hide answering machine:**
↓ **Hide AM?** OK	Select the menu item and confirm.
or ...	**Show answering machine:**
↓ **Show AM?** OK	Select the menu item and confirm.
ⓒ	**Hold** down (back to idle status).

When an activated answering machine is hidden it is deactivated. When it is set to show again, the answering machine returns to the status it had before it was hidden.

Specifying the number of rings before the answering machine starts

You can set when you want the answering machine to activate (after how many rings). The options are: **1 ring tone**, **2 ring tone**, ..., **9 ring tone**. Instead of a set number of rings, you can also choose the **cost saving** setting **Automatic 2/4** (factory default). In this setting the answering machine activates **automatically**:

- after 2 rings if there are new messages;
- after 4 rings if there are no new messages.

When operating remotely (page 72) by the third ring you will know that there are no new messages (otherwise the answering machine would have already activated). There will be no call charges if you hang up now.

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **No. of rings** OK	Select the menu item and confirm.
↓ **Automatic 2/4** OK	Select the number of rings or **Automatic 2/4** and confirm (✓ = set).
⊜	**Hold** down (back to idle status).

Activating/deactivating voice announcement of date and time

You can have the recording date and time (time stamp) announced when each message/memo is played back (activated when supplied).

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
Message/Memo OK	Confirm.
↓ **Time stamp** OK	Select the menu item and confirm (✓ = activated).
⊜	**Hold** down (back to idle status).

Setting the recording time and recording quality

You can set the maximum length of a message and its recording quality. The recording quality determines the total recording time of your answering machine.

On the **High quality** setting the total recording time is up to 12 min, on **Long recording** (standard quality, generally adequate) up to 25 min. The **Long recording** recording quality and the **Maximum** recording time are set by factory default.

i	The recording of a call ends: ◆ after a pause in speaking lasting more than 8 seconds; ◆ at the end of a call; the caller terminates the connection; ◆ after the maximum set recording time has elapsed, if the setting **Maximum** was used, when the memory is full.

Setting the recording time

You can limit the maximum length of a message to **1 minute**, **2 minutes** or **3 minutes**. If you set **Maximum** for the recording time (factory setting) then it is "unlimited" (until the memory is full).

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
Message/Memo OK	Confirm.
Message length OK	Confirm.
↓ **Maximum** OK	Select the recording time and confirm, e.g. **Maximum** (✓ = activated).
⊜	**Hold** down (back to idle status).

i	When the recording duration is reached, the concluding announcement is played automatically, if recorded. Then the connection is closed down. There is no limit to the duration of memo recordings.

Setting recording quality

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **AM quality** OK	Select the menu item and confirm.
either ...	**Set high quality:**
High quality OK	Confirm (✓ = activated).
or ...	**Set long recording:**
↓ **Long recording** OK	Select the menu item and confirm (✓ = activated).
⊜	**Hold** down (back to idle status).

Activating/deactivating automatic pause

If automatic pause is activated the answering machine switches to pause mode after playing back a message or memo. The next message will not be played back until you press the >. display key or the ⊳ key.

When the phone is supplied automatic pause is deactivated.

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **Automatic pause** OK	Select the menu item and confirm (✓ = activated).
ⓒ	**Hold** down (back to idle status).

Locking the answering machine, defining AM PIN

You can protect your answering machine against unauthorised access. To do this, define an AM PIN (Personal Identification Number) and activate the AM- lock. The settings may then only be changed and the messages played back after the PIN has been entered.

i	The answering machine can only be controlled remotely if you have defined an AM PIN.

Entering and changing the AM PIN

When supplied, the AM PIN is preconfigured to 0000.

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **Change AM-PIN** OK	Select the menu item and confirm.
OK	Enter new AM PIN (max. 8 digits) and confirm.
OK	Repeat the new AM PIN and confirm.

If you make an error when keying in the AM PIN you can delete your entry using the ← key and enter it again.

Activating/deactivating the AM lock

When the phone is supplied the answering machine lock is deactivated.

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **AM lock** OK	Select the menu item and confirm (✓ = activated).

Setting time control

You can set the answering machine so that it is activated or deactivated depending on the time of day, as well as using different announcements depending on the time of day.

You can define (for the 24-hour day) up to four time sections with different settings for the answering machine. You must specify a start time for each time section. The start time of the 2nd time section is the end time of the 1st time section, etc.. The start time of the 1st time section is the end time of the last defined time section. For each section, you can set if the answering machine should be activated/deactivated and which announcement or announcement only should be used.

You specify the time control for work days (Monday to Friday). At the weekend (Saturday and/or Sunday), either the time control for working days can be used, one of the announcements is activated for the entire day, or the answering machine is deactivated for the entire day.

Example:

The answering machine in your office should be deactivated during normal office hours (8:00 to 5:00 p.m.). The answering machine should only be activated during the lunch hour (12:00 to 1:00 p.m.) using announcement 1. After office hours (5:00 to 8:00 p.m.) the answering machine should use announcement only. The following time sections must be defined:

1. Start time 08:00, AM off
2. Start time 12:00, announcement 1
3. Start time 13:00, AM off
4. Start time 5:00 p.m., announce only

Defining start times and announcements for Monday to Friday

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **Time control** OK	Select the menu item and confirm.
↓ **Mon - Fri** OK	Select the menu item and confirm. ✓ = at least one start time is entered.
↓ OK	Select entry for the time section, e.g. ****:** Announcement 1**, and confirm.
↓ **Select ann.** OK	Select the menu item and confirm.
↓ **Announcement 1** OK	**Announcement 1**, **Announcement 2**, **Select Announcem. only** or **AM off** and confirm.
☰↕	Press the display key.

↓ **Start time** OK	Select the menu item and confirm.
	Enter the start time (4-digit). The start time specifies the end of the previous time section.
	Press the display key to open the submenu.
Save entry OK	Confirm.
	Hold down (back to idle status).

Setting time control for Saturday or Sunday

By factory default, the time control for working days is used: **As for Mon-Fri**.

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **Time control** OK	Select the menu item and confirm.
either ...	
↓ **Saturday** OK	Select the menu item and confirm.
or ...	
↓ **Sunday** OK	Select the menu item and confirm.
... then	
↓ **As for Mon-Fri** OK	Select **As for Mon-Fri**, **Ann. 1 24h**, **Ann. 2 24h**, **Ann. only 24h** or **AM off** and confirm.
	Hold down (back to idle status).

Activating/deactivating time control

By factory default, time control is deactivated.

Precondition: You have at least set a start time (page 81) and have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **Time control** OK	Select the menu item and confirm (✓ = activated).
either ...	**Activate time control:**
Activate? OK	Confirm.
or ...	**Deactivate time control:**
Deactivate? OK	Select the menu item and confirm.

Activating/deactivating automatic listen in

You can set up your answering machine so that it automatically switches a handset assigned to it or the base station (CX263 or SX353 only) to automatically listen in when it is recording a message.

By default, automatic listen in is deactivated.

Assigning a terminal

Only one terminal (handset or base station) can be assigned to an answering machine for listen in. You can choose a terminal to which one of the answering machine's receive MSNs is assigned. Only terminals that support handsfree mode are displayed. Automatic pickup (page 84) must be activated.

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **Aut. listen in** OK	Select the menu item and confirm.
↓ **Select HS** OK	Select the menu item and confirm.
↓ **Internal 11** OK	Select the terminal and confirm, e.g. **Internal 11:**.

Activating/deactivating listen in

You can only activate the listen in function if a terminal has been assigned to the answering machine.

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **Aut. listen in** OK	Select the menu item and confirm.
either ...	**Activate listen in:**
Activate? OK	Confirm.
or ...	**Deactivate listen in:**
Deactivate? OK	Confirm.

Activating/deactivating automatic pick up

With automatic pickup you can take a call directly from the answering machine (during announcement or recording) on any handset or by lifting a receiver (telephone with cord) providing the same receive MSN is assigned to all devices. You just need to press the talk key on the handset. The recording of the call will then stop.

As supplied, automatic pickup is activated.

Preconditions:

- To pick up a call, the terminal requires a minimum of **Incoming only** authorisation (page 92).
- The same receive MSN is assigned to both the answering machine and the terminal.

i	If automatic listen in is activated for a handset (page 83) then the call can only be taken on this handset.

ⓜ			Open the menu.
↓	**Set base**	OK	Select the menu item and confirm.
↓	**Settings**	OK	Select the menu item and confirm.
↓	**System settings**	OK	Select the menu item and confirm.
↓	**AM auto. pickup**	OK	Select the menu item and confirm (✓ = activated).

Activating/deactivating automatic notification via text message

When you receive new messages on the answering machine your telephone can automatically send a text message to you on an external phone number (e.g., to a mobile phone). A text message of this kind will read, for example:

New message: 01712205625 for office at 18:27 hrs on TH, 10.12.04. You have 2 new AM message(s).

Automatic text message notification is not available in all countries.

i	To send the SMS, an SMS send centre must be entered (page 51).

Entering destination phone number for a text message

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **SMS notificat.** OK	Select the menu item and confirm.
	Enter destination number (up to 20 digits).
	Press the display key to open the submenu.
Save entry OK	Confirm.
	Hold down (back to idle status).

Changing or deleting the destination number for a text message

Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **SMS notificat.** OK	Select the menu item and confirm.
either ...	**Enter or change the destination number:**
Change number OK	Confirm.
	Change the destination number.
	Press the display key to open the submenu.
Save entry OK	Confirm.
or ...	**Delete the destination number:**
↓ **Delete number** OK	Select the menu item and confirm.
	Hold down (back to idle status).

Activating/deactivating text message notification

You can only activate notification per SMS if a "call to" number was saved.
Precondition: You have selected an answering machine (page 63).

↓ **Settings** OK	Select the menu item and confirm.
↓ **SMS notificat.** OK	Select the menu item and confirm.
	Press the display key to open the submenu.
either ...	**Activate text message notification:**
↓ **Activate?** OK	Select the menu item and confirm.
or ...	**Deactivate text message notification:**
↓ **Deactivate?** OK	Select the menu item and confirm.

Date and Time

Setting the date and time

The first time you make a call on your phone, the date and time are transmitted by the exchange.

You can choose between the 12 hour and the 24 hour display (factory setting) for the time (a.m. = 1st half of the day; p.m. = 2nd half of the day).

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
↓ **System settings** OK	Select the menu item and confirm.
↓ **Date/time** OK	Select the menu item and confirm.
either ...	**Select display modes:**
↓ **12 hours** OK	If necessary, choose between **12 hours**- and **24 hours** display (✓ = on).
↓ **Date DD.MM** OK	If necessary, choose between **Date DD.MM** (Day-Date) and **Date MM.DD** (Date-Day) display (✓ = on).
or ...	**Setting the date and time:**
Set time OK	Select the menu item and confirm.
	Enter the date and time. If necessary skip settings that are already correct using ← →. If necessary, in the **12 hours** display use the display keys AM and PM to switch between **am** and **pm**.
	Press the display key to open the submenu.
Save entry OK	Select and confirm to store the setting.

Activating/deactivating time display

You can activate and deactivate the display of the date and time in your base station's idle display.

ⓜ	Open the menu.
↓ **Settings** OK	Select the menu item and confirm.
↓ **Time display** OK	Select the menu item and confirm (✓ = on).
ⓒ	**Hold** down (back to idle status).

Setting appointments

You can use your base station to remind yourself of an appointment. To do this, you have to save the times.

Setting an appointment

⊙	Open the menu.
↓ **Reminder** OK	Select the menu item and confirm.
⊳☰+	Press the display key to open the submenu.
Change reminder OK	Select the menu item and confirm.
OK	Enter the date and time. If necessary skip settings that are already correct using ← →. If necessary, in the **12 hours** display use the display keys AM and PM to switch between **am** and **pm**. Confirm.
OK	Enter message (up to 16 characters) and confirm. The entry is stored.
⊙	**Hold** down (back to idle status).

i	◆ If you do not enter a message, **Reminder** will appear in the display at the relevant time. ◆ How to change the volume and melody is explained starting on page 113. ◆ An appointment will only be displayed only if the base station is in idle status. During a call or automatic last number redial, the appointment is not displayed. In this case, the appointment alarm is made once the base station has returned to idle status. ◆ The appointment cannot be signalled during a power failure. In this case, the appointment alarm is made as soon as the time has been reset on the system (page 86).

Cancelling an appointment

⊙	Open the menu.
↓ **Reminder** OK	Select the menu item and confirm.
⊳☰+	Press the display key to open the submenu.
Delete reminder OK	Select the menu item and confirm. The entry is deleted.
⊙	**Hold** down (back to idle status).

Switching off or answering an appointment alarm

An appointment call is signalled acoustically. The stored message (page 87) or **Reminder** is shown in the display. Press the display key Off to switch off the appointment alarm. The appointment alarm will ring for 15 seconds if it is not answered. Expired appointments remain in the memory. In order to be able to set a new appointment, you must first delete the expired appointment.

i	When an appointment is displayed, you can open the SMS menu with the SMS display key and write and send an SMS.

Night service

You can set up call diversion for each receive MSN, which automatically forwards all incoming calls to an external phone number, to another internal subscriber or, on the SX353isdn, to an answering machine, for a specified period of time each day (**Start time to End time**) and if necessary at the weekend (**Sat/Sun all day**). For example, when a business is closed (from 6:00 p.m. to 8:00 a.m.) all calls from the office can be diverted to a private number.

When diverting a call externally, the base station can only divert the MSN assigned to it as the receive MSN.

By factory default, Night service is deactivated. To activate Night service, you must first specify the divert destination.

i	If an external call diversion has already been set up for a receive (page 100) MSN, it is not possible to activate night service for that receive MSN.

Setting the destination

Precondition: Night service is **deactivated** (page 90).

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Night service** OK	Select the menu item and confirm (✓ = Night service is activated). The list of MSNs is displayed.
↓ **MSN1:** OK	Select MSN and confirm, e.g. **MSN1: Anna**.
↓ **Forward. dest.** OK	Select the menu item and confirm (✓ = set).
either ...	**To set an external destination:**
External OK	Select the menu item and confirm.
	Enter the external destination phone number.
	Press the display key to open the submenu.
Save entry OK	Select the menu item and confirm.
or ...	**To set an internal destination:**
↓ **Internal** OK	Select the menu item and confirm.

↓ **INT11: Internal 11**	Select internal number, e.g. **INT11: Internal 11** (✓ = set).
or ...	**Select the answering machine (for SX353isdn):**
↓ **Answering mach.** OK	Select the menu item and confirm.
↓ **AM2**	Select the answering machine you would like e.g. **AM2**. The calls are forwarded to the selected answering machine.
... then	
⊜	**Hold** down (back to idle status).

i	◆ Night service, internal: If the internal user is not registered or cannot be reached (e.g. terminal deactivated), the call is not signalled and the caller receives the busy signal. ◆ Night service to an answering machine: Even if the answering machine is deactivated, a call is signalled on the answering machine and the answering machine takes the call after the set number of rings (page 78).

Entering the start and end time for Night service
By default, the **Start time** is pre-set to 20:00 or 8:00 pm, and 08:00 or 8:00 am for the **End time**.

⊜	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Night service** OK	Select the menu item and confirm.
↓ OK	Select MSN and confirm, e.g. **MSN1: Anna**.
either ...	**Enter the start time:**
↓ **Start time** OK	Select the menu item and confirm.
	Enter the start time (4-digit).
or ...	**Enter the end time:**
↓ **End time** OK	Select the menu item and confirm.
	Enter the end time (4-digit).
... then	
	Press the display key to open the submenu.
Save entry OK	Confirm.
⊜	**Hold** down (back to idle status).

Activating/deactivating Saturday/Sunday all day Night service

If **Sat/Sun all day** is set, then Night service is active between the indicated start and end times from M-F, and all day on weekends. If **Sat/Sun all day** is deactivated, calls are also diverted at the weekend between the set start and end times.

By factory default, **Sat/Sun all day** is activated.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Night service** OK	Select the menu item and confirm.
↓ OK	Select MSN and confirm, e.g. **MSN1: Anna**.
↓ **Sat/Sun all day** OK	Select the menu item and confirm (✓ = activated).
ⓒ	**Hold** down (back to idle status).

Activating/deactivating Night service

You can only activate night service if you have entered a divert destination for the receive MSN and if no call diversions are currently activated.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Night service** OK	Select the menu item and confirm.
↓ **MSN1:** OK	Select MSN and confirm, e.g. **MSN1: Anna**.
either ...	**Activating Night service:**
Activate? OK	Select the menu item and confirm.
or ...	**Deactivating Night service:**
Deactivate? OK	Select the menu item and confirm.
ⓒ	**Hold** down (back to idle status).

If Night service is activated for an MSN, **Night service** is marked with ✓.

Security settings

Changing the system PIN

You can protect the following settings against unauthorised access using the system PIN (Personal Identification Number):

- Call charges and settings
- Internal and external call diversion
- SMS service centres, subscriber configurations, security, ISDN and system settings
- Getting started wizard

The system PIN is also necessary to register Bluetooth devices, e.g. for GSM telephones (page 127) and PCs (page 127).

The system PIN will not work with the number 0000.

When supplied, the system PIN is preconfigured to 0000.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Providing you choose a number other than 0000: Enter PIN and confirm.
Security OK	Confirm.
Change PIN OK	Select the menu item and confirm.
OK	Enter new system PIN (up to 8 digits, 0 to 9) and confirm.
OK	Repeat the new system PIN and confirm.
ⓒ	**Hold** down (back to idle status).

!	Memorise the new system PIN! If you forget it, the device will require technical intervention. If this happens, contact the Siemens Hotline.

Defining authorisation

You can set different authorisations for all registered devices:

- **Unrestricted** (set as factory default)
  All devices can answer incoming calls and make outgoing external/internal calls.
- **Incoming only**
  The devices can only answer incoming external calls. External outgoing calls are not possible. Internal calls (outgoing and incoming) are possible. Emergency numbers can be dialled.
- **Internal only**
  The devices can only be used for internal calls (incoming and outgoing). Emergency numbers can be dialled.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	If required, enter the PIN and confirm (page 91).
Security OK	Confirm.
↓ **Authorisation** OK	Select the menu item and confirm.
↓ **INT11: Int.11**	Select internal number, e.g. **INT11: Int.11**.
	Press the display key to open the submenu.
↓ **Internal only** OK	Select authorisation and confirm (✓ = set), e.g. **Internal only**.
ⓒ	**Hold** down (back to idle status).

Emergency numbers

By default, the country-specific emergency numbers are entered. You cannot change or delete these. You can enter five emergency numbers of your own.

i	The emergency number can also be dialled by a handset with restricted authorisation (e.g. **Internal only**).

Setting up, editing, reading and deleting personal emergency numbers

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	If required, enter the PIN and confirm (page 91).
Security OK	Confirm.
↓ **Emergency nos.**	Select. The emergency numbers list is opened.
↓ **<no entry>**	Select list entry, e.g. **<no entry>**.
	Press the display key to open the submenu.
either ...	**Set up or edit emergency number:**
Change number OK	Confirm.
	Enter new emergency number (up to 32 digits) or edit existing emergency number. You can transfer the number from the Phonebook ⓜ.
	Press the display key to open the submenu.
Save entry OK	Confirm.
or ...	**View emergency number:**
↓ **Display number** OK	Select the menu item and confirm.
or ...	**Delete emergency number:**
↓ **Delete number** OK	Select the menu item and confirm.
ⓒ	**Hold** down (back to idle status).

i	If your phone is connected to a PABX you may have to enter the applicable access code (outside line code, e.g. 0; see page 137) before the emergency number. This also applies to preset emergency numbers for which you need to re-enter e.g. "0110" and "0112" as an alternative.

Dialling emergency numbers

Precondition: The base station is blocked for external dialling (page 92).

✆	Lift the receiver.
EMERG.	Press the display key.
... then	**Dial the emergency number:**
	Enter the emergency number.

If the dialled number does not match the emergency number entered, the call is rejected with the display "**Number is not emergency no.**".

System settings

The abbreviations in brackets after the titles indicate the ISDN service concerned. Some features may only be used if they have been authorised by the network provider (there may be an extra charge).

Changing the name for an internal user

By factory default, all internal numbers are given the names **Int.11**, **Int.12**, etc., according to their numbering. You can change these entries to suit your individual needs.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Select the menu item and confirm.
↓ **INT11: Int.11**	Select internal number and open submenu, e.g. **INT11: Int.11**.
Name OK	Confirm.
	Change the name and open the submenu.
Save entry OK	Confirm. The name is now shown in the internal list, including when an internal call is made from this internal number.

i	Since names are saved in the base station, another name can be allocated to a terminal when registering to a different base. This makes it possible to identify which base the terminal is currently connected to.

Setting up/deleting ISDN phone numbers (MSN)

Your ISDN connection offers you two telephone lines (B channels) that you can use at the same time. You can set up a maximum of ten individual phone numbers (MSNs) on your base station.

Setting up an ISDN phone number (MSN) / changing the name

If you have not saved all the phone numbers with the Getting started wizard (page 16), you can enter them now. **All phone numbers that are subsequently stored are automatically assigned to all registered terminals.**

Each newly set up phone number automatically gets its own ringer melody, which can be changed to suit your individual requirements (page 98).

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** OK	Select the menu item and confirm.
Set up MSN OK	Confirm.
↓ **MSN1**	Select MSN and open submenu, e.g. **MSN1: Anna**.
Edit entry OK	Confirm.
	Enter a name (up to 16 characters – optional) (for inputting text see page 151).
↓	Skip to the **<Number>** line and enter the number **without the access code**.
	Press the display key to open the submenu.
Save entry OK	Confirm.

Cancelling ISDN phone numbers (MSN)

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** OK	Select the menu item and confirm.
Set up MSN OK	Confirm.
↓ **MSN1:**	Select MSN and open submenu, e.g. **MSN1: Anna**.
↓ **Delete entry** OK	Select the menu item and confirm.

i	If the MSN you have cancelled was the send MSN (page 96) of an internal user then a new send MSN (the MSN with the lowest ranked number) will automatically be assigned to this internal user.

Assigning a phone number (MSN)

You can assign particular individual phone numbers (MSN's) to registered terminals. When doing this determine

- which phone number makes a registered terminal ring (receive MSN),
- under which number an internal user dials (send MSN).

Assigning a receive MSN

As supplied, a newly registered handset will ring whenever a phone number you have set up is dialled.

If you only want to assign the terminal specific receive MSNs:

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Select the menu item and confirm.
↓ **INT11: Int.11** ☰+	Select internal number of the terminal and open the submenu, e.g. **INT11: Int.11**.
↓ **Receive MSN** OK	Select the menu item and confirm.
↓ OK	Select MSN and confirm, e.g. **MSN1: Anna** (✓ = set). Repeat the procedure for further MSNs.
ⓒ	**Hold** down (back to idle status).

Assigning a send MSN

You can define one send MSN per internal user. This MSN is shown to the person you call and the call is also charged to this MSN.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Select the menu item and confirm.
↓ **INT11: Int.11**	Select internal number, e.g. **INT11: Int.11**.
☰+	Press the display key to open the submenu.
↓ **Send MSN** OK	Select the menu item and confirm.
↓ **MSN1:** OK	Select MSN and confirm, e.g. **MSN1: Anna** (✓ = set).
ⓒ	**Hold** down (back to idle status).

Setting up the list of send MSNs for the next call

You can set up your base station so that after lifting the receiver or pressing the handsfree key ⓓ a list of all available send MSNs is displayed.

By factory default, **MSN next call** is not activated.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Select the menu item and confirm. The list of entered internal numbers is displayed.
↓ **INT11: Int.11**	Select internal number of the terminal and open the submenu, e.g. **INT11: Int.11**.
↓ **MSN next call** OK	Select the menu item and confirm (✓ = activated).
ⓒ	**Hold** down (back to idle status).

Setting up a busy signal when the MSN is being used (Busy on Busy)

This setting allows callers to get a busy signal immediately when an external call is already being made on this MSN, independent of the setting **Call waiting**.

By factory default, the function is not set.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** OK	Select the menu item and confirm.
↓ **Busy on busy** OK	Select and confirm (✓ = activated).
ⓒ	**Hold** down (back to idle status).

Assigning an MSN a ringer melody

Each receive MSN is assigned a ringer melody when setting up. You can change this assignment for each receive MSN individually. This means that all terminals will use this ringer melody to indicate an incoming call to a receive MSN.

i	In place of ringer melodies 1-20, you can also assign the "Device ringer" to an MSN. The handsets assigned to the receive MSN will then use the ringer melody set on the handset for external calls (page 114).

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** OK	Select the menu item and confirm.
Set up MSN OK	Confirm.
↓ **MSN1:**	Select MSN and open submenu, e.g. **MSN1: Anna**.
↓ **Ringer melody** OK	Select the menu item and confirm.
← →	Select melody (1 – 10, Device ringer) and confirm, e.g. **Ringer melody: 5**.
ⓒ	**Hold** down (back to idle status).

Setting up rejecting for the entire MSN group

You can reject an external call not only on your base station, but for all members of an MSN group. Pressing REJECT will give the caller a busy signal instead of a ringing tone. The entire group will no longer be called. A waiting call can also be rejected during a call. The call is added to the caller list.

Precondition: The analogue connection must be set to **No function** (page 129).

By factory default, the function is not activated.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** OK	Select the menu item and confirm.
↓ **Reject all** OK	Select the menu item and confirm (✓ = activated).
ⓒ	H**old** down (back to idle status).

Diverting calls

i	To make this function easier to use, you can also set one of the function keys accordingly (page 117).

Diverting calls internally

i	◆ Only one destination can be selected for internal call diversion. ◆ Only one-level call diversion is supported: If the subscriber to which you divert your calls has activated their own call diversion, this is no longer effective. The diverted call is always signalled at the subscriber you diverted it to.

By factory default, internal call divert is deactivated.

Setting up a destination

⊜	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Forward. base** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Forward. dest.** OK	Select the menu item and confirm.
↓ **INT11: Int.11**	Select internal number, e.g. **INT11: Int.11**. (✓ = activated).

Activating/deactivating internal call diversion
Precondition: Internal call diversion can only be activated if a destination has been set up.

⊜	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Int. call forw.** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
either ...	**Activate:**
Activate? OK	Confirm.
or ...	**Deactivate:**
Deactivate? OK	Confirm.

Specifying the number of ring cycles

Ring delay can be used to specify the number of ring cycles after which a call is to be diverted. The setting can be between 0 (= immediate call diversion) and 9 ring cycles. A ring cycle lasts 5 seconds.

The default setting is 0 ring cycles (= immediate call diversion).

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Forward. base** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **No. of rings** OK	Select the menu item and confirm.
OK	Enter the number of ring cycles and confirm.
ⓒ	**Hold** down (back to idle status).

Diverting calls externally – CF (Call Forwarding)

Your ISDN connection offers you two telephone lines (B channels) that you can use at the same time. It is therefore possible to activate call diversion not only in the telephone exchange (external), but also directly in the base station (internal). A caller is forwarded to the destination you specify via the second telephone line. You can set the location for call diversion as follows:

- so that the call is diverted in the telephone exchange (external call diversion); this keeps your telephone lines free;
- so that the call is diverted in your base station (internal call diversion); this means both telephone lines are engaged.

i	◆ You bear the costs for the call diversion. ◆ If the call is diverted in the base station (internal call diversion), then the condition "When busy" is not available. ◆ All three conditions can be activated at the same time. ◆ If night service has been set up for a receive MSN (page 88), external call diversion cannot be set up or changed for this receive MSN.

For each receive MSN you can store a destination number for each of the following conditions:

Immediately – **On busy** – **On no reply**

Set up external call diversions are entered in a list. This list identifies active call diversions.

Setting the location for call diversionn
By default, **Forward. netw.** is activated.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** OK	Select the menu item and confirm.
either ...	
↓ **Forward. base** OK	Select and confirm (✓ = set).
or ...	
↓ **Forward. netw.** OK	Select and confirm (✓ = set).

Setting up a destination

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Ext. call forw.** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91). The list of set up call diversions is displayed.
☰+	Press the display key to open the submenu.
New entry OK	Confirm.
↓ **MSN1:** OK	Select receive MSN and open submenu, e.g. **MSN1: Anna**.
↓ **Immediately** OK	Select the condition and confirm, e.g. **Immediately**.
☰+	Enter the phone number and open the submenu.
Save entry OK	Confirm.
YES	Confirm to set up call diversion.

Activating/deactivating external call diversion

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Ext. call forw.** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓	Select call diversion and open the submenu.
either ...	**Activate:**
↓ **Activate?** OK	Select the menu item and confirm.
or ...	**Deactivate:**
↓ **Deactivate?** OK	Select the menu item and confirm.

Editing an entry

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Ext. call forw.** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓	Select call diversion and open the submenu.
↓ **Edit entry** OK	Select the menu item and confirm.
	Enter the new phone number and open the submenu.
Save entry OK	Confirm.
YES	Confirm to set up call diversion.

Deleting external call diversion

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Ext. call forw.** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓	Select call diversion and open the submenu.
↓ **Delete entry** OK	Select the menu item and confirm.

Activating/deactivating handsfree dialling

If you have activated **Dial handsfree**, you can dial without lifting the receiver. As soon as you have entered the first digit, the line is seized and handsfree is automatically activated.

⊜	Open the menu.
↓ **Settings** OK	Select the menu item and confirm.
↓ **Dial handsfree** OK	Select the menu item and confirm (✓ = set).
⊜	**Hold** down (back to idle status).

Pre-assigning the call forwarding destination – CD (Call Deflection)

The call forwarding destination for incoming calls is pre-set here. This destination number is offered as a preset for manual forwarding (page 33).

⊜	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** OK	Select the menu item and confirm.
↓ **Forward. dest.** OK	Select the menu item and confirm.
	Enter destination number and open the submenu.
Save entry OK	Confirm.
⊜	**Hold** down (back to idle status).

Setting up automatic call diversion if a terminal is not available

If your handset is out of the radio range of the base station, the battery is flat, or the handset has been deactivated, a call will be forwarded an external phone numbers you specify.

Preconditions:

- You have **exclusively** assigned the handset its own receive MSN (page 96). This MSN must not be assigned as the receive MSN for any other device, not even the ISDN bus!
- Call diversion can only be set up for one receive MSN on the base station.

By default, automatic call diversion is not set up.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** OK	Select the menu item and confirm.
↓ **Auto.forwarding** OK	Select the menu item and confirm.
↓ **MSN1:** ☰+	Select MSN and open submenu, e.g. **MSN1: Anna**.
☰+	Enter destination number and open the submenu.
Save entry OK	Confirm. Automatic call diversion is activated (✓ = on).
ⓒ	**Hold** down (back to idle status).

The set up call diversions for which automatic diversion is set are indicated in the call diversion list.

Setting up an internal group call group

You can make a group call from any telephone registered on the base station to all other registered internal users (page 22).

By default, all registered users with the device type **Telephone** or **Neutral** are set up in the group call group.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Confirm.
↓ **INT11: Int.11** ☰+	Select internal number and open submenu, e.g. **INT11: Int.11**.
↓ **Hunt group** OK	Select the menu item and confirm (✓ = activated).
ⓒ	**Hold** down (back to idle status).

Setting up ring delay

Ring delay can be used to individually set one subscriber per receive MSN to ring later. However, during this ring delay time, the terminal can answer the call using the "**Accept?**" function without hearing a ring. The ring delay time is specified in ring cycles. A ring cycle lasts 5 seconds.

The default setting is 0 ring cycles (= not activated).

Take into account the response time of the answering machine when making this setting (default: **Automatic 2/4**). If the set ring delay is longer than the setting for an active answering machine, the phone will not ring because the answering machine will pick up the call first.

For each programmed MSN, at least one subscriber must be able to be called immediately. Therefore, a subscriber for which ring delay is set up will be called immediately if it is the only one on this receive MSN, or none of the others can be reached on this receive MSN.

Picking up a call during ring delay, see page 25.

	Open the menu.
Set base OK	Select the menu item and confirm.
Settings OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
Setup user OK	Select the menu item and confirm.
Setup device OK	Select the menu item and confirm.
INT11: Int.11	Select internal number and open submenu, e.g. **INT11: Int.11**.
Ring delay OK	Select the menu item and confirm.
MSN1: OK	Select the receive MSN and confirm, e.g. **MSN1: Anna**.
OK	**No. of rings** enter and confirm, e.g. 2.

Activating/deactivating call waiting – CW

This function can be set up separately for each user. When call waiting is activated the caller will hear the ringing tone if you are already making a call. This call is indicated both acoustically and visually on your base station display.
When call waiting is deactivated, the caller will hear the ringing tone if you are already making a call **and** other phones are assigned to this MSN.
When call waiting is deactivated, the caller will hear the busy tone if you are already making a call **and** yours is the only phone assigned to this MSN.

The function is activated when the phone is supplied. Taking a waiting external call see page 34.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Select the menu item and confirm.
↓ **INT11: Int.11**	Select internal number and open submenu, e.g. **INT11: Int.11**.
↓ **Call waiting** OK	Select the menu item and confirm (✓ = activated).
ⓒ	**Hold** down (back to idle status).

Setting an external/internal enquiry call

Your ISDN connection offers you two telephone lines (B channels) that you can use at the same time.

You can set up your base station so that:

- when an enquiry call is made to another external party during an external call, the call is put on hold in the telephone exchange so that your second ISDN line remains free.
- when an enquiry call is made to another external party during an external call, the call is put on hold in your base station; in this case both ISDN lines are engaged.

By factory default, **Ext. enq. call** is activated.

i	If **Int. enq. call** is set and it is not possible to place a call on hold in the telephone exchange, the call is automatically placed on hold internally in the device itself.

Initiating an enquiry call see page 29 or page 30.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** OK	Select the menu item and confirm.
either ...	**Set Int. enq. call:**
↓ **Int. enq. call** OK	Select the menu item and confirm (✓ = activated).
or ...	**Set Ext. enq. call:**
↓ **Ext. enq. call** OK	Select the menu item and confirm (✓ = activated).
ⓒ	**Hold** down (back to idle status).

Setting up the waiting melody

An external caller hears the set waiting melody when the connection is on hold in the base station (internal) (page 106). An external party whose connection is on hold in the telephone exchange (external), and an internal user who is on hold, will not hear a waiting melody.

The following settings can be selected:

Internal	The party on hold hears the waiting melody of the base.
External	The waiting melody is imported from an external device. To do this the analogue connection must be configured as **Ext. music/hold** (page 131). If the analogue connection is configured differently, the setting **External** is not available. Please observe the legal regulations.
Off	When the waiting melody is deactivated, a setting cannot be made.

By factory default, **Internal** is activated.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **System settings** OK	Select the menu item and confirm.
↓ **Music on hold** OK	Select the menu item and confirm.
↓ **Internal** OK	Select and confirm the desired setting, e.g. **Internal** (✓ = on).
ⓒ	**Hold** down (back to idle status).

Activating/deactivating Call beats data

With **Call beats data** you can set whether a call is rejected or signalled during data transmission.

- **Call beats data** Off (default):
  Calls received during data transmission are rejected if both B channels are being used simultaneously. The caller will hear the busy tone.
- **Call beats data** On:
  If a call is received during data transmission, the data connection is automatically reduced to one B channel and the call is signalled.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** OK	Select the menu item and confirm.
↓ **Call beats data** OK	Select the menu item and confirm (✓ = on).

Changing the long distance prefix

Long distance prefixes are the first few digits required when dialling another city (national) or to another country (international). In Germany, the factory default is:

0	For connections to other towns (national)
00	For connections abroad (international)

In other countries, different long distance prefixes could be used. In this case you need to change this setting.

Otherwise, you would not be able to make some calls, e.g. callbacks from the call list.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** OK	Select the menu item and confirm.
↓ **Lg.-dist. code** OK	Select the menu item and confirm.
↓ **National : 0**	Select the type of long distance prefix and open submenu, e.g. **National : 0**.
Change number OK	Confirm.
	Enter a new or changed long distance prefix and open the submenu.
Save entry OK	Confirm.

Entering or changing the country code

Phone numbers transferred from the GSM network always include the international country prefix (country code), even for calls within a country (e.g. +49 for Germany, +33 for France, +39 for Italy or +43 for Austria).

A special setting is therefore necessary for the country code, if you have received a call from the GSM network, the number has been transferred to the Phonebook or the caller list and you then want to call back via the ISDN network from the Phonebook or the caller list.

Factory default: Country prefix for relevant country (e.g. +49 in Germany).

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **ISDN settings** OK	Select the menu item and confirm.
↓ **Lg.-dist. code** OK	Select the menu item and confirm.
↓ **Code: 49**	Select.
	Open the submenu.
↓ **Change number** OK	Select the menu item and confirm.
	Enter country code and open the menu.
↓ **Save entry** OK	Select the menu item and confirm.

Calling an answering machine in the network (on SX303isdn)

Press (1) **and hold**. You are connected directly to the answering machine in the network. If you then press the handsfree key (), you can listen to the answering machine announcement in the network and operate the answering machine via the network.

Changing the answering machine number in the network

()	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **System settings** OK	Select the menu item and confirm.
↓ **Network Mailb.** OK	Select the menu item and confirm.
	Open the submenu.
↓ **Change number** OK	Select the menu item and confirm.
	Enter country code and open the menu.
↓ **Save entry** OK	Select the menu item and confirm.

Viewing/listening to answering machine messages in network

If a message arrives for you, you receive a call from the answering machine in the network. The number, e.g. 0800 330 2424 for T-NetBox, appears in the display if you have requested calling line identification. If you accept the call, the new messages are played back. If you do not accept the call, the number of the answering machine in the network will be stored in the missed calls list and the message key flashes.

Restoring the factory settings

You can select which type of reset should be performed:

Operational – All MSNs and access codes (outside line code) are deleted and the AM (answering machine) PIN (only on Gigaset SX353isdn) is set to 0000. The authorisations are reset to "Dial and answer".

Reset all – All functions are reset to their factory defaults. The system PIN is reset to "0000". All entries (caller list, charges) are deleted.

i	For both functions: Deactivate all active call diversions before resetting! The terminals remain registered.

()	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.

OK	Enter system PIN if required (page 91).
↓ **System settings** OK	Select the menu item and confirm.
↓ **Spec. function** OK	Select the menu item and confirm.
↓ **Factory setting** OK	Select the menu item and confirm.
either ...	**Restore the functionality:**
↓ **Operational** OK	Select the menu item and confirm.
or ...	**Restore factory settings:**
↓ **Reset all** OK	Select the menu item and confirm.

Checking the status

The status of the following settings can be checked:

- Callback
- Unknown call
- Call diversion
- External connections
- AM1, AM2, AM3

	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Status** OK	Select the menu item and confirm. The status list is displayed (✓ = activated).
	Hold down (back to idle status).

Checking the software version

You can check the version of the software for the base station:

	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **System settings** OK	Select the menu item and confirm.
↓ **Spec. function** OK	Select the menu item and confirm.
↓ **SW vers/RFPI** OK	Select the menu item and confirm.
	Hold down (back to idle status).

Setting the volume, display and keys

Your base station has default settings. You can change these settings as required.

Setting the display

Changing the display language

You can view the display texts in different languages.

ⓜ	Open the menu.
↓ **Settings** OK	Select the menu item and confirm.
Language OK	Confirm. The current language is checked ✓ (the default setting is English).
↓ OK	Select a language and confirm.
ⓒ	**Hold** down (back to idle status).

i	When you change the display language the character set can change too, e.g. for Russian.

Activating/deactivating display lighting

You can activate and deactivate the display lighting. If you have deactivated the display lighting, the display on your base station lights up when:

- You are called on the base station.
- You make a call on the base station.
- You press keys on the base station.
- You have just replaced the receiver – for approx. 3 seconds while the charges for the last call are displayed.
- The base station returns to idle status for approx. 30 seconds.

ⓜ	Open the menu.
↓ **Settings** OK	Select the menu item and confirm.
↓ **Autom. illumin.** OK	Select the menu item and confirm (= set).
ⓒ	**Hold** down (back to idle status).

Setting the display contrast

You can set the contrast of the display.

⊜	Open the menu.
↓ **Settings** OK	Select the menu item and confirm.
↓ **Contrast** OK	Select the menu item and confirm.
← → OK	Set the display contrast and confirm.
⊜	**Hold** down (back to idle status).

i	After opening up the menu item **Contrast**, you can also set the display contrast using the ⊖ and ⊕ keys.

Activating/deactivating the time display

You can set the display of the time on your base station. By default, the time display is activated.

⊜	Open the menu.
↓ **Settings** OK	Select the menu item and confirm.
↓ **Time display** OK	Select the menu item and confirm (= set).
⊜	**Hold** down (back to idle status).

Adjust volume

You can adjust the earpiece volume to three levels and the handsfree volume to five levels - even while an external call is in progress.

⊜	Open the menu.
↓ **Audio** OK	Select the menu item and confirm.
either ...	
↓ **Handset Volume** OK	Select the menu item and confirm. You will hear the current earpiece volume setting.
or ...	
↓ **Vol.Loudspeaker** OK	Select the menu item and confirm. You hear the current volume setting for handsfree talking.
... then	
← → OK	Set volume and confirm.
⊜	**Hold** down (back to idle status).

i	After opening up the menu item **Handset Volume** or the menu item **Vol.Loudspeaker**, you can also set the volume using the ⊖ and ⊕ keys.

Changing the ringtone

A range of options is available:

- Six volume levels:
  - Five volume levels (1–5; e.g. volume level 2 =),
  - "Crescendo" call (6; the volume increases with each ring =).
- Ten melodies (1–10; melodies 1–3 are the "traditional ringer tones").

Setting the ringer tone volume

ⓜ	Open the menu.
↓ **Audio** OK	Select the menu item and confirm.
↓ **Ringer Volume** OK	Select the menu item and confirm. You will hear the current ringer tone volume setting.
← → OK	Set the ringer tone volume and confirm.
ⓒ	**Hold** down (back to idle status).

i	After opening up the menu item **Ringer Volume**, you can also set the ringer tone volume using the ⊖ and ⊕ keys.

Setting the ringer melody

ⓜ	Open the menu.
↓ **Audio** OK	Select the menu item and confirm.
↓ **Ringer melody** OK	Select the menu item and confirm. You will hear the current ringer tone volume setting.
← → OK	Select the ringer melody. The current melody rings, the digits at the end of the line indicate the current setting.
ⓒ	**Hold** down (back to idle status).

i	After opening up the menu item **Ringer melody**, you can also set the ringer melody using the ⊖ and ⊕ keys.

Activating/deactivating advisory tones

Your handset uses "advisory tones" to tell you about different activities and statuses. The following advisory tones can be activated and deactivated individually (the default setting is on).

- **Key click:** Every key press is confirmed.
- **Confirmation tone** (rising tone sequence): At the end of input/setting and when a text message is received.
- **Error tone** (descending tone sequence): with incorrect inputs.

ⓜ	Open the menu.
↓ **Audio** OK	Select the menu item and confirm.
↓ **Advisory tones** OK	Select the menu item and confirm.
either ...	
↓ **Key Beeps** OK	Select the menu item and confirm (✓ = set).
or ...	
↓ **Confirm. Beep** OK	Select the menu item and confirm (✓ = set).
or ...	
↓ **Error Beep** OK	Select the menu item and confirm (✓ = set).
... then	
ⓜ	**Hold** down (back to idle status).

Using function keys

Your base station has four function keys, to which you can assign functions or phone numbers. Pressing the function key executes the relevant function or dials the stored phone number.

Assigning a function key

ⓜ	Open the menu.
↓ **Settings** OK	Select the menu item and confirm.
↓ **Function keys** OK	Select the menu item and confirm.
◯	Press the function key.
☰+	Open the submenu.

Assigning a phone number to a function key

You can use a function key with a phone number assigned to it for targeted dialling of a particular party.

Precondition: You have assigned the function key (page 115).

... then	
Edit entry OK	Confirm.
	Enter the phone number and open the submenu.
Save entry OK	Confirm.

Assigning a phone number from the Phonebook to a function key

You can use a function key with a phone number assigned to it for targeted dialling of a particular party.

Precondition: You have assigned the function key (page 115).

... then	
Edit entry OK	Confirm.
ⓜ	Open the Phonebook.
↓ OK	Select an entry from the Phonebook and confirm.
☰+	Open the submenu.
Save entry OK	Confirm.

Assigning a network provider phone number to a function key

You can use a function key with a network provider phone number assigned to it for convenient linking of phone numbers (page 45).

Precondition: You have assigned the function key (page 115).

... then	
Edit entry OK	Confirm.
☰+	Open the submenu.
↓ **NET list** OK	Select the menu item and confirm.
↓ OK	Select an entry from the speed dial list and confirm.
☰+	Open the submenu.
Save entry OK	Confirm.

Assigning call diversion to a function key

You can assign an immediate call diversion to a function key; the general diversion path set for call diversion is then applicable (page 99).

Precondition: You have assigned the function key (page 115).

... then	
↓ **ISDN Functions** OK	Select the menu item and confirm.
↓ **Forward immediat** OK	Select the type of call diversion and confirm, e.g. **Forward immediat**.
↓ **MSN1:** OK	Select MSN and confirm, e.g. **MSN1: Anna**.
	Enter the phone number and open the submenu.
Save entry OK	Confirm.

i	◆ After this function key is pressed, the display shows the specified phone number. Call diversion is activated. ◆ Pressing the function key again deactivates the call diversion.

Assigning a send MSN to a function key

You can use the send MSN to specify which phone number you want to use for the next call. Dialling this send MSN using the function key only applies to the next outgoing call.

Precondition: You have assigned the function key (page 115).

... then	
↓ **ISDN Functions** OK	Select the menu item and confirm.
↓ **MSN next call** OK	Select the menu item and confirm.
↓ **MSN1:** OK	Select MSN and confirm, e.g. **MSN1: Anna** (✓ = set).

Assigning identify caller (MCID) to a function key

Identify caller (page 28) is used to identify annoying or threatening callers.

Precondition: You have applied for Identify caller with your network provider.

... then	
↓ **ISDN Functions** OK	Select the menu item and confirm.
↓ **Identify caller** OK	Select the menu item and confirm.

Activate this function during the call or immediately after the caller has hung up. You must not end the call yourself.

i	You may not replace the receiver!

Using Bluetooth devices

Using Bluetooth™, your SX303isdn/SX353isdn base station is capable of wireless communication with other equipment that also uses the technology. This means that you use a GSM (mobile) telephone or a handsfree kit for making calls on your base station or use PCs/PDAs to surf the Internet via the base station.

If you are using a GSM mobile phone with a Bluetooth interface, you can make your calls conveniently via the GSM network (incoming and outgoing calls) from the base station or a handset.

A Bluetooth headset provides you with a "cordless receiver" on your base station. You can use the Bluetooth headset instead of your base station's receiver.

Before you can use your Bluetooth equipment, it must be registered on the base station (page 126). You can find a detailed description of the functions of your Bluetooth equipment in the operating instructions for the equipment itself.

Setting BT mode

As only one voice connection at a time is possible via Bluetooth, either the Bluetooth headset or the Bluetooth mobile can be operated. The mode is set as follows.

ⓜ	Open the menu.
↓ **Bluetooth** OK	Select the menu item and confirm.
↓ **BT-Mode** OK	Select the menu item and confirm.

Using a GSM mobile phone

Preconditions:

- The GSM mobile phone is registered (see page 126) and is within range of the base station.
- The GSM mobile phone has a connection to the GSM network.
- The Bluetooth mode must be set to GSM mode.
  (Only one voice connection at a time is possible, either on the Bluetooth headset or on the GSM mobile.)

In addition, the specified preconditions apply in the following cases:

For outgoing calls:

- The send MSN is **GSM:** (see page 97) or **MSN next call** is activated (see page 97).

For incoming calls:

- The receive MSN is also **GSM:**.

Making calls using the GSM network

You can only make external calls using pre-dialling, i. e. you enter the complete number on the base station or a registered handset first and then lift the receiver. The following pre-dialling options are available:

- Block dialling (entering telephone number by hand), see page 21
- Using a Phonebook entry, see page 36
- Using an entry from last number redial list, see page 40
- Using an entry from caller list, see page 42

If you have activated **MSN next call** (see page 97), the send MSN "GSM" and a list of available MSNs are displayed after you press the talk key.

Answering calls from the GSM network

A call from the GSM network is signalled both on your GSM mobile phone and on your base station or a handset.

You can answer the call on your GSM mobile phone, the base station or a handset.

Using a headset

Preconditions:

- The headset is registered (see page 127) and is within range of the base station.
- The Bluetooth mode must be set to headset mode.
  (Only one voice connection at a time is possible, either on the Bluetooth headset or on the GSM mobile.)

Answering a call

A call is signalled on a registered headset and is picked up by pressing the talk key on the Bluetooth headset. For further details on the headset, consult the relevant operating instructions.

Transferring a call from the base station to the headset

With the Bluetooth headset, you can pick up an existing call on the base station: Press the talk key on the Bluetooth headset.

Precondition: You are making a call using the base station.

An existing call can be transferred from your base station to the Bluetooth headset.

ⓒ	Open the menu.
↓ **Transf. to h/set** OK	Select the menu item and confirm. If the call cannot be transferred, the display shows **Not possible right now**.

When you move outside the range, the base station switches to handsfree mode. In order to be able to continue the call on the headset, you must bring the headset back into the base station's Bluetooth range. You then need to press the set key on the headset or select the **Transf. to h/set** menu option in the base station's online menu.

Operating with other devices

On your base station, you can register up to eight cordless devices (including Gigaset data modules (page 136) and Gigaset Repeater (page 135)).

You must initiate registration of a cordless device on the base station and on the cordless device itself. The internal numbers 11 to 18 are reserved for the cordless devices. If these internal numbers have already been assigned on your telephone, de-register a handset you no longer require before registering a new one (page 126).

On the Gigaset SX303isdn/SX353isdn, you can also operate an analogue device (page 9, page 129), a PC via the USB connection on the base station (page 9, page 136) and a Bluetooth device (page 126).

Registering handsets

When you have prepared the base station for registration, it remains so for approx. 60 seconds. Therefore you should prepare the handset for registration before starting preparation of the base station.

1. On the base station

ⓜ		Open the menu.
↓ **Set base**	OK	Select the menu item and confirm.
↓ **Settings**	OK	Select the menu item and confirm.
↓ **Setup user**	OK	Select the menu item and confirm.
↓ **Register device**	OK	Select the menu item and confirm.

The base station is only ready for registration for as long as **Registration proced.running** is shown in the display (approx. 60 seconds).

2. On the handset (within 60 sec.)

Register the handset as described in the relevant operating instructions.

After registration the handset reverts to idle status. The handset's internal number is shown in the display.

The next unassigned internal number between **Int.11** and **Int.18** is automatically assigned to the handset as it is registered.

i	If the handset terminates the base search, e.g. because the registration time has been exceeded, repeat the process.

Manually registering a Gigaset S44 handset

	Open the menu.
OK	Select the menu item and confirm.
Handset OK	Select the menu item and confirm.
Register H/Set OK	Select the menu item and confirm.
Base 1 OK	Select base (1–4) and confirm, e.g. **Base**.
OK	Enter the system PIN of the base (the default is 0000) and confirm. The display shows **Regstr.Procedure** and the name of the base, e.g. **Base**.
INT11: Int.11 OK	Select internal number and confirm, e.g. **INT11: Int.11**.

After registration the handset reverts to idle status. The internal number of the handset appears in the display, e.g. **Int.11**.

Manually registering a Gigaset S1 / SL1 handset

	Open the menu.
Settings OK	Select the menu item and confirm.
Register H/Set OK	Select the menu item and confirm.
Base 1 OK	Select base (1–4) and confirm, e.g. **Base**.
OK	Enter the system PIN of the base (the default is 0000) and confirm. The display shows **Regstr.Procedure** and the name of the base, e.g. **Base**. Once the handset has located the base, the list of free internal numbers is shown in the display.
INT11: Int.11 OK	Select internal number and confirm, e.g. **INT11: Int.11**.

After registration the handset reverts to idle status. The handset's internal number is shown in the display.

Manually registering a Gigaset C34 handset

	Open the menu.
Handset Settings OK	Select the menu item and confirm.
Handset OK	Select the menu item and confirm.
Register Handset OK	Select the menu item and confirm.
OK	Enter the system PIN of the base (the default is 0000) and confirm. The display shows **Registering** and the name of the base, e.g. **Base 1**.
INT11: Int.11 OK	Select internal number and confirm, e.g. **INT11: Int.11**.

After registration the handset reverts to idle status. The internal number of the handset appears in the display, e.g. **Int.11**.

Manually registering a Gigaset C1 / C2/C32 handset

MENU	Open the menu.
Handset Settings **OK**	Select the menu item and confirm.
Register Handset **OK**	Select the menu item and confirm.
Base 1 **OK**	Select base (1–4) and confirm, e.g. **Base 1**.
OK	Enter the system PIN of the base (the default is 0000) and confirm. The display shows **Registering** and the name of the base, e.g., **Base 1**. Once the handset has located the base, the list of free internal numbers is shown in the display.
INT11: Int.11 **OK**	Select internal number and confirm, e.g. **INT11: Int.11**.

After registration the handset reverts to idle status.

Registering a Gigaset 4000 Comfort/Micro handset

	Hold down to turn on the handset.
either ...	
OK	Confirm the prompt.
or ...	
Settings **OK**	Select the menu item and confirm.
Register H/Set **OK**	Select the menu item and confirm.
Base 1 **OK**	Select base (1–4) and confirm, e.g. **Base 1**.
... then	
OK	Enter the system PIN of the base (the default is 0000) and confirm.
INT11: Int.11 **OK**	Select internal number and confirm, e.g. **INT11: Int.11**. Successful registration is confirmed on the display.

Registering a Gigaset 4000 Classic handset

i	You can register a maximum of four Gigaset 4000 Classic handsets. Register Gigaset 4000 Classic handsets before any other handsets.

MENU	Open the menu.
Register H/Set **OK**	Select the menu item and confirm. PIN is displayed.
OK	Enter the system PIN of the base (the default is 0000) and confirm.

After entering the system PIN, the handset searches for a base station with that PIN. During this search, **Register H/Set** flashes in the display. After registration the handset reverts to idle status. **Your handset is now ready to use!**

The next unassigned internal number between **Int.11** and **Int.18** is automatically assigned to the handset when it is registered.

Registering a Gigaset 3000 Comfort/Micro handset

	Hold down to turn on the handset.
either ...	
YES	Confirm the prompt.
or ...	
	Open the menu.
↓ **Stations** **OK**	Select the menu item and confirm.
↓ **Station1**	Select base (1-4) and open the submenu.
↓ **Registration** **OK**	Select the menu item and confirm.
... then	
OK	Enter the system PIN of the base (factory default: 0000) and confirm.
↓ **INT11: Int.11** **OK**	Select internal number and confirm, e.g. **INT11: Int.11**. Successful registration is confirmed on the display.

The next unassigned internal number between **Int.11** and **Int.18** is automatically assigned to the handset as it is registered.

Registering a Gigaset 3000 Classic handset

	Hold down to turn on the handset.
INT *	Press in turn.
OK	Enter the number of the base (normally 1) and confirm. The ready symbol flashes and then lights up continuously when the connection to the base has been established.
OK	Enter the system PIN of the base (factory default: 0000) and confirm.
↓ **INT11: Int.11** **OK**	Select internal number and confirm, e.g. **INT11: Int.11**. After successful registration, the ready symbol is extinguished.

Registering a Gigaset 2000 C handset

	Press to turn on the handset.
	Open the menu.
↓ **Settings** **OK**	Select the menu item and confirm.
↓ **Registration** **OK**	Select the menu item and confirm.
↓ **Station1** **OK**	Select base (1-4) and confirm.
	Open the submenu.
↓ **Registration** **OK**	Select the menu item and confirm.
OK	Enter the system PIN of the base (factory default: 0000) and confirm.
↓ **INT11: Int.11** **OK**	Select internal number and confirm, e.g. **INT11: Int.11**. Successful registration is confirmed on the display.

Registering a Gigaset 2000S / Gigaset 1000 C/S handset

For the registration procedure described below:
You can register a maximum of four other handsets (e.g. Gigaset 2000S, GAP handsets) or wireless devices (e.g. Gigaset 1000 TAE, STA). Register these devices first.

Registering a Gigaset 2000S handset

	Press (off).
(on)	Simultaneously press the number of the base station and (on).
#	Enter the system code and press the hash key.

The lowest free internal number is assigned. It is not possible to select a free internal number.

Registering a Gigaset 1000 C/S handset

For the registration procedures, please refer to the corresponding operating instructions.

De-registering handsets

⊜	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **De-reg. device** OK	Select the menu item and confirm.
↓ **INT16: Int.16** OK	Select the handset that you wish to de-register and confirm, e.g. **INT16: Int.16**.
⊜	**Hold** down. Return to the idle state.

Registering Bluetooth devices

The following Bluetooth devices can be registered:

- GSM mobile phone
- Bluetooth headset
- Three PCs/PDAs

Registering a GSM telephone and PCs/PDAs requires actions on the base station and on the Bluetooth devices. Note the system PIN of the base station and prepare the Bluetooth devices for registration (e.g. start PC and start software for setting up the Bluetooth connection).

i	It is not possible to re-register a Bluetooth device that is already registered. You need to de-register the Bluetooth device first.

Prepare base station for registration (for GSM mobile phone and PCs/PDAs)

⊜	Open the menu.
↓ **Bluetooth** OK	Select the menu item and confirm.
↓ **Reg. BTdevice** OK	Select the menu item and confirm. A list of Bluetooth devices is displayed.
↓ **GSM phone** OK	Select the desired device and confirm, e.g. **GSM phone**. The display shows **Registration proced.running**.

Your base station is then ready for registration for **one** minute. Now register your device. If you do not register your device within this time, the registration process is terminated and you must prepare the base station for registration again.

Registering a GSM mobile phone on the base station

Carry out the following actions on your GSM mobile phone:

Prepare your base station for registration, see page 126.

1. Initiate registration on your GSM mobile phone, either as a "paired connection" or a "coupled connection". For further details on your GSM mobile phone, consult the corresponding operating instructions.
2. When prompted, enter the system PIN of the base station on the GSM mobile phone.

When registering, the base station saves either the name transferred by the GSM mobile phone (Bluetooth device name, max. 16 characters) or the default name **GSM phone**. For details of how you can change the name, see page 128. You can also change the default ringer melody 1, see page 128.

If the Bluetooth connection is active and the Bluetooth device is within the range of the base station, a Bluetooth symbol appears in the base station display between the date and the time.

If the GSM mobile phone is within range, a Bluetooth connection is established automatically; otherwise the base station regularly initiates "paging" in order to establish a connection.

Registering a Bluetooth headset on the base station

A headset is registered on the base station:

⊜	Open the menu.
↓ **Bluetooth** OK	Select the menu item and confirm.
↓ **Reg. BTdevice** OK	Select the menu item and confirm. A list of Bluetooth devices is displayed.
↓ **BT headset** OK	Select the menu item and confirm. The base station searches for the Bluetooth headset.
	Set the Bluetooth headset to registration mode in accordance with the manufacturer's instructions.
OK	Once the Bluetooth headset has been found, enter the headset PIN and confirm.

When registering, the base station saves either the name transferred by the Bluetooth headset (Bluetooth device name, max. 16 characters) or the default name **BT headset**. For details of how you can change the name, see page 128.

Registering a personal computer (PC)/PDA on the base station

A PC is automatically assigned one of the three internal numbers Int51:, Int52: or Int53:.

Prepare your base station for registration, see page 126. Carry out the following actions on your PC/PDA:

1. Initiate the registration on your PC/PDA using the corresponding Bluetooth software: as a "paired connection" or as a "coupled connection", specifying the necessary service (e.g. DUN – dial-up networking). For further details on your PC/PDA, consult the corresponding operating instructions.
2. Enter the system PIN of the base station on the PC/PDA.

When registering, the base station saves either the name transferred by the PC/PDA (Bluetooth device name, max. 16 characters) or the default name **BT PC/PDA**. The display on the base station is accompanied by the automatically assigned internal number. For details of how you can change the name, see page 128.

Configuring Bluetooth devices

The devices can only be configured on the base station, i .e. not on a handset.

i	Phone numbers transferred from the GSM network always contain the international country prefix (country code). A special setting is therefore necessary for the country code, if you have received a call from the GSM network, the number has been transferred to the Phonebook or the caller list and you then want to call back via the ISDN network from the Phonebook or the caller list, (page 109).

Changing the name of a Bluetooth device

⊜	Open the menu.
↓ **Bluetooth** OK	Select the menu item and confirm.
↓ **Set up BTdevice** OK	Select the menu item and confirm. A list of registered Bluetooth devices is displayed.
↓ **BT headset** ▷☰+	Select the device (e.g. **BT headset**) and press the display key to open the submenu.
Name OK	Select the menu item and confirm.
▦ ▷☰+	Edit the name and press the display key to open the submenu.
Save entry OK	Select the menu item and confirm.

Changing the ringer melody for calls on GSM mobile phone

⊜	Open the menu.
↓ **Bluetooth** OK	Select the menu item and confirm.
↓ **Set up BTdevice** OK	Select the menu item and confirm. A list of registered Bluetooth devices is displayed.
↓ **GSM phone** ▷☰+	Select the device and press the display key to open the submenu.
↓ **Ringer melody** OK	Select the menu item and confirm.
→ OK	Select ringtone and confirm.

De-registering Bluetooth devices

ⓜ	Open the menu.
↓ **Bluetooth** OK	Select the menu item and confirm.
↓ **De-reg. BTdevice** OK	Select the menu item and confirm. A list of registered Bluetooth devices is displayed.
↓ **GSM phone** OK	Select the device (e.g. **GSM phone**) and confirm. The Bluetooth device is then de-registered.

i	If necessary, on your GSM mobile phone or PC/PDA delete the base entered during registration.

Connecting wire-based analogue devices

The following internal number is provided for operation using analogue devices:

Int.21

The device connected to it must

- not be registered on the base station
- be set to tone dialling (DTMF) – pulse dialling is not supported

In addition, the corresponding device type must be set and device-specific additional settings made.

No charges are displayed on the connected devices. However, ongoing charges are recorded by the base station and can be queried using an added-feature handset or on a PC.

Device types

The following settings are possible (Setting the device type, page 132).

- **Telephone** see Page 130, Connecting telephones
- **Fax** see Page 130, Connecting a fax machine
- **Modem** see Page 130, Connecting a modem
- **Answering mach.** see Page 131, Connecting an answering machine
- **Neutral** see Page 131, Connecting a fax machine
- **Door type1** see Page 140, Setting up the entrance telephone
- **Doortype2(DTMF)** see Page 140, Setting up the entrance telephone
- **Ext. music/hold** see Page 131, Importing a waiting melody from an external device
- **No function** see Page 131, No device connected

i	Note the explanations below relating to the device types and their device-specific additional settings.

Connecting telephones

By default, the analogue connection is set to **Telephone**.

For details of making calls using wire-based telephones, see section "Making calls with devices on the analogue connection (TAE connection)", page 132.

If you also want to use this telephone to make internal calls, automatic line seizure for the associated analogue connection must be deactivated (page 132). All numbers must then be prefixed by a zero for external calls.

Connecting a fax machine

To operate a fax machine or a combination device (e.g. fax with telephone), the device setting must be changed to **Fax** or **Neutral**.

For smooth operation of the fax, regardless of the settings of the remote terminal, the device type setting **Neutral** is recommended (with the **Fax** setting, a successful fax connection depends on the settings of the remote terminal).

If you only want to establish external connections, automatic line seizure for the associated analogue connection must remain activated. In this case, the fax machine or combination device should be set to "Operate on main connection".

If, on the other hand, you also want to use this telephone for internal connections, automatic line seizure for the associated analogue connection must be deactivated (page 132). External numbers must then be prefixed with a zero, or the fax machine or combination device switched to "Operate on PABX" (see operating instructions for fax machine or combination device).

Take the opportunity to assign the fax a separate phone number (MSN). Assign the corresponding analogue connection an exclusive receive MSN (page 96).

The device type setting **Fax** does not support **Call waiting** and **Hunt group**.

The device type setting **Neutral** does not support **Call waiting**. When connecting a fax machine only, **Hunt group** should be deactivated (page 104).

Connecting a modem

To operate a modem, the device type setting should be changed to **Modem**.

If you only want to establish external connections, automatic line seizure for the associated analogue connection must remain activated. In this case, the modem must be set to "Operate on main connection".

If, on the other hand, you also want to establish internal connections, automatic line seizure for the associated analogue connection must be deactivated (see Page 132). External numbers must then be prefixed with a zero, or the modem switched to "Operate on PABX" (see operating instructions for modem).

Connecting an answering machine

If you are operating an answering machine (or a telephone with integrated answering machine) on the analogue connection, the device type setting **Answ. machine** is recommended. This setting allows the answering machine to pick up a call (see Page 134).

If a telephone with integrated answering machine is connected and you also want to use the telephone to make internal calls, automatic line seizure for the associated analogue connection must be deactivated, (page 132). All numbers must then be prefixed by a zero for external calls.

The device type setting **Answ. machine** does not support **Call waiting** and **Hunt group**.

The "Neutral" setting

This setting is suitable for operation of a telephone, fax and modem. For smooth fax operation, regardless of the settings of the remote terminal, the device type setting **Neutral** is recommended (page 130).

The device type setting **Neutral** does not support **Call waiting**.

Importing a waiting melody from an external device

This device type setting is a precondition for importing the waiting melody from an external device. The **External** option is only available when setting up the waiting melody if an analogue connection has been configured as **Ext. music/hold** (page 107).

No device connected

For each analogue connection with no device connected to it, the device type must be set to **No function** in order to prevent malfunctioning of the ISDN functions **Reject all** (page 98)and (page 97) **Busy on busy**.

Setting the device type

⊙	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Confirm.
↓ **INT21: Int.21** ☰+	Select internal user and open submenu, e.g. **INT21: Int.21**.
↓ **Device type** OK	Select the menu item and confirm.
↓ **Fax** OK	Select the desired device type and confirm, e.g. **Fax**.

i	When changing a setting from a device type for which no receive MSN is necessary to a device type for which a receive MSN is necessary, all MSNs programmed in the system are used as active receive MSNs for this internal user.

Making calls with devices on the analogue connection (TAE connection)

Telephones with tone dialling (DTMF = dual tone multi-frequency dialling) can be operated on the analogue connections. Telephones with pulse dialling are not supported.

i	Note that only terminals that will be operated in-house (within a building) may be connected to the analogue TAE connections.

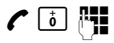
Activating/de-activating automatic line seizure

When automatic line seizure is activated, the exchange line is seized as soon as you lift the receiver. As a result, normal internal dialling is no longer possible.

⊙	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Select the menu item and confirm.
↓ **INT21: Int.21** ☰+	Select internal user and open submenu, e.g. **INT21: Int.21**.
↓ **Auto. seizure** OK	Select the menu item and confirm.

Making external calls

Auto. line seizure inactive



Auto. line seizure active

Making internal calls

Auto. line seizure inactive

Group call to all internal users

Auto. line seizure inactive

Call waiting

You hear the call waiting tone during your external call.

either ...

Call disconnected, wait for the ring signal

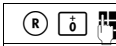
or ...

Caller 1 is put on hold.

Switching to waiting caller – Toggling

	Caller 1 is put on hold.
	Caller 2 is put on hold etc.

Making an external enquiry call

	
	Switch between the callers if necessary.

Making an internal enquiry call

	Make internal enquiry call.
	Switch between the callers if necessary.

Callback on busy / Callback on no answer

Precondition: Your exchange supports this feature.

	Activate callback.

Transfer call before/after answer

either ...	**Transfer before answer:**
®	
	Hold down (return to idle status).
or ...	**Transfer after answer:**
®	Transfer the call after answer.
	Make enquiry call.
	Hold down (back to idle status).

Picking up a call while answering machine is in operation

You can pick up a call even if the answering machine has already responded, your announcement is running or the caller is already recording their message. When you pick up the call the recording stops.

You can turn off automatic call pick up (page 84) and thus make an outgoing call while the answering machine has switched itself on.

Automatic line seizure must be deactivated (page 132).

Automatic call pick up active (factory default)

Automatic call pick up inactive

i	The precondition for call pick up is that the answering machine and the internal user picking up the call are assigned the same receive MSN (page 96) and the device type for the internal number of the answering machine is set to **Answering mach.** (page 131).

Gigaset Repeater

You can increase the range of your handsets with the Gigaset Repeater. You can operate up to six repeaters on your base station. To ensure the repeater is installed correctly, repeater capability must be activated on the base station.

Activating/deactivating repeater mode

You can use this function to activate and deactivate repeater mode.

By factory default, this repeater capability is deactivated.

⊜	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **System settings** OK	Select the menu item and confirm.
↓ **Spec. function** OK	Select the menu item and confirm.
↓ **Repeater** OK	Select the menu item and confirm.
NEXT	Press the display key to save the setting. The handset goes off briefly (✓ = activated).

Registering a repeater

Precondition: Gigaset Repeater has been deactivated (mains cable unplugged).

1. Prepare the base station for registration

⊜	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Register device** OK	Select the menu item and confirm.

The base station is ready for registration for as long as **Registration proced.running** is shown in the display.

i	Check that there are no other base stations that are ready for registration in the vicinity of the Gigaset Repeater during this procedure.

2. Plug the Gigaset Repeater into the mains

The LED on the Gigaset repeater flashes. The LED is permanently lit after a short time. Registration is complete and the Gigaset Repeater is ready for use.

Further information is available in the operating instructions for the Gigaset Repeater.

Connecting a PC via USB

Your base station then offers you the option of using a connected PC to :

- Configure your base station
- Manage Phonebooks from the PC, the base station or handsets

Using a PC connected by a cable or via a Gigaset M101 Data, you can also fax from the PC (using fax emulation with no hardware requirements).

You can establish a wire-based connection to a PC via the USB port on your base station or set up a wireless connection to one or more PCs via the Gigaset M10x Data modules.

In conjunction with the enclosed software (talk&surf 6.0), this allows you to:

- Use your base station's ISDN network access for data transmission and the Internet from the PC (e.g. surfing the Internet, e-mail, home banking)
- Transfer data between several PCs

i	Further information can be found in the instructions for the enclosed software (talk&surf 6.0).

Wireless PC connection: Gigaset USB adapter DECT/M105 data module

The Gigaset M101 Data with V24 interface and the Gigaset DECT/M105 USB adapter with USB interface give you the option of establishing a wireless connection between the base station and your PC. A connection via a Gigaset M10x Data data module provides you with a 64 kbit/sec interface.

The internal numbers **PC 41** to **PC 48** on your base station are provided for this purpose.

For installation, see the installation instructions on the CD-ROM enclosed with the data module.

Wire-based PC connection: Base station USB port

You can establish a wire-based connection to a PC via the USB port on your base station. A wire-based connection via the USB port on the base station provides you with a 128 kbit/sec interface.

The internal number **PC 40** on your base station is provided for this purpose.

Operating when connected to a PABX

If you are operating your base station on a PABX, special characteristics for receiving text messages should be noted (page 61).

Access code

Precondition: If your phone is connected to a PABX you may have to enter an access code (outside line code) for external calls when first getting started, depending on the PABX. See the operating instructions for your PABX. You can enter a one to four-digit access code.

For incoming calls, the access code is automatically placed in front of the caller's phone number in the display and in the caller lists, and likewise when copied to the Phonebook. The saved phone number can then be dialled directly, e.g. from the caller list (page 42).

ⓜ		Open the menu.
↓ **Set base**	OK	Select the menu item and confirm.
↓ **Settings**	OK	Select the menu item and confirm.
	OK	Enter system PIN if required (page 91).
↓ **System settings**	OK	Select the menu item and confirm.
↓ **Access code**	OK	Select the menu item and confirm.
		Enter access code and open the menu.
↓ **Save entry**	OK	Confirm.

i	For manual dialling and entering Phonebook, emergency and direct dial numbers you must also enter the access code.

Activating/deactivating call transfer – ECT (Explicit Call Transfer)

Precondition:

If you want to connect two callers directly with one another (p. 35), then this function must be activated.

By factory default, this function is deactivated.

ⓜ		Open the menu.
↓ **Set base**	OK	Select the menu item and confirm.
↓ **Settings**	OK	Select the menu item and confirm.
	OK	Enter system PIN if required (page 91).
↓ **ISDN settings**	OK	Select the menu item and confirm.
↓ **Transfer(ECT)**	OK	Select the menu item and confirm (✓ = activated).

i	If you activate this function, it will automatically be switched to the **Ext. enq. call** (= in the telephone exchange) (page 29).

Dialling options

The KEYPAD function allows you to control certain services by entering sequences of characters and digits.

The KEYPAD function must be set when connecting your Gigaset SX303/353isdn to an ISDN PABX or to a telephone exchange (e.g., Centrex) which uses the KEYPAD protocol for control. The digits/characters **0–9**, *****, **#** are sent as keypad information elements. Please inquire of your service provider about which information and codes you can transmit.

If your Gigaset SX303/353isdn is integrated in a Centrex system, the following performance features can be used.

Calling Name Identification (CNI)	When you receive calls from other CENTREX subscribers, the caller's number and name are displayed on the screen.
Message Waiting Indication (MWI)	The display key ✉ is offered on Comfort handsets if new calls appear in the caller list. Calling up the caller list deletes the display key ✉.
CENTREX call	The CENTREX call is signalled acoustically like an internal call.

Setting options

You can switch between the settings **Standard dial** (factory setting), **Auto keypad** and **Dial * and #**.

Standard dial

Once **Standard dial** has been activated, ***** and **#** are not transmitted during dialling, and if ***** and **#** are entered it is not possible to switch to the keypad.

Auto keypad

Once ***** or **#** has been entered, this setting automatically transfers ringing during dialling to the keypad. This automatic switchover is needed for giving commands to the exchange or PABX.

Dial * and #

Once **Dial * and #** has been activated, the ***** and **#** characters are transmitted during dialling as commands to the exchange or PABX.

Regardless of the setting options above, **after dialling** or during the conversation, the phone switches automatically to tone dialling (DTMF), e.g. for remote control of an answering machine.

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **System settings** OK	Select the menu item and confirm.
↓ **Spec. function** OK	Select the menu item and confirm.
↓ **Dial properties** OK	Select the menu item and confirm.
↓ **Standard dial** OK	Select the setting and confirm, e.g. **Standard dial** (✓ = activated).

Activating/deactivating the keypad during a call

In addition to the ongoing settings described above, you can also switch over temporarily to the keypad.

The setting is only applicable to the current external call and is automatically deactivated after the call is ended.

During a call:

ⓜ	Open the menu.
either ...	**Activate the keypad:**
↓ **Keypad on?** OK	Select the menu item and confirm.
	Enter the keypad code.
or ...	**Deactivate the keypad:**
↓ **Keypad off?** OK	Select the menu item and confirm.

Activating the keypad for the next connection

All dialling characters (**0–9, *, #**) will be sent as a string of keypad characters with the next connection (dial and call). In the connection status, the keypad is retained and is not automatically switched over to tone dialling (DTMF).

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Call preparat.** OK	Select the menu item and confirm.
↓ **Temp. keypad** OK	Select the menu item and confirm (✓ = activated).

Operation of entrance telephone

Setting up the entrance telephone

You can select two door types for your entrance telephone:

- Door type 1:
  for entrance telephones with door opening via ringing current (FTZ 123) – one ringer button.
- Door type 2:
  for entrance telephones with DTMF control – several programmable ringer buttons (page 140).

The following internal number is provided for setting up an entrance telephone: **Int.21**

⊜	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Select the menu item and confirm.
↓ **INT21: Int.21** ☰+	Select internal user and open submenu.
↓ **Device type** OK	Select the menu item and confirm.
either ...	
↓ **Door type1** OK	Select the menu item and confirm (✓ = on).
or ...	
↓ **Doortype2(DTMF)** OK	Select the menu item and confirm (✓ = on).

Setting up codes for »Door type 2 (DTMF)« entrance telephone

For entrance telephones controlled via DTMF codes, you can set up different codes. Please refer to the corresponding information in the operating instructions for the entrance telephone!

If you set up an internal user as door type 2, the codes are automatically activated using presets.

⊜	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.

↓ **Setup device** OK	Select the menu item and confirm.
↓ **INT21: Int.21**	Select internal user and open submenu.
either ...	**Set door opener code:**
↓ **Door code** OK	Select the menu item and confirm (✓ = on).
	Enter code (preset = #9).
or ...	**Set group call code:**
↓ **Hunt group code** OK	Select the menu item and confirm (✓ = on).
	Enter code (preset = 8).
or ...	**Set connection code:**
↓ **Connection code** OK	Select the menu item and confirm (✓ = on).
	Enter code (preset = 9).
or ...	**Set disconnection code:**
↓ **Release code** OK	Select the menu item and confirm (✓ = on).
	Enter code (preset = #0).
... then	
	Press the display key to open the submenu.
Save entry OK	Confirm.

Assigning internal users to the entrance telephone call group

If you have set up an entrance telephone (page 140), all internal users registered on the base station are automatically assigned to the entrance telephone call group. You can change this assignment.

	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Select the menu item and confirm.
↓ **INT11: Int.11**	Select internal user and open submenu, e.g. **INT11: Int.11**.
↓ **Door call grp.** OK	Select the menu item and confirm (✓ = on).

Making calls with the entrance telephone

Call from the entrance telephone

The following features are not available for calls with the entrance telephone:

- Putting a call on hold
- Enquiry call from a call with the entrance telephone
- Toggling a caller on the entrance telephone
- Conference with a caller on the entrance telephone
- Forwarding or transferring a call from the entrance telephone

The entrance telephone calls internal users for 20 seconds. If external call diversion is set up for the entrance telephone, the call time is extended to 60 seconds.

	Lift the receiver. You are connected to the entrance telephone. The message Door appears in the display.
... then	
	Replace the receiver.
or ...	
OP DOOR	Press the display key to operate the door opener. The door opener is activated. The display shows **Door open** as confirmation. The connection to the entrance telephone is automatically broken after the door is opened.

Entrance telephone call waiting

Accept call waiting

Press the display key ACCEPT. You answer the waiting call.

If the interrupted call is an internal call, the connection is broken when you accept the waiting call.

If the interrupted call is an external call, it is put on hold when you accept the waiting call. Both parties are shown on the display, the current one is marked.

Internal call with entrance telephone

You can make an internal call to the entrance telephone (page 21).

Diverting the entrance telephone externally

Calls from the entrance telephone can be diverted to an external phone number. The internal subscribers from the entrance telephone call group are still called if an external call diversion is set up.

The setting for the destination for external diversion, either in the exchange or in your base station (page 103) also applies to call diversion for the entrance telephone.

Entering/changing the destination number for external call diversion

ⓜ	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Select the menu item and confirm.
↓ **INT21: Int.21**	Select internal user and open submenu.
↓ **Forw. door call** OK	Select the menu item and confirm.
	Press the display key to display the destination phone number. If a destination phone number has not been recorded, the entry **<empty>** is shown.
	Press the display key to open the submenu.
Change number OK	Confirm.
	Enter a new or changed destination phone number and open the submenu.
Save entry OK	Confirm.

Deleting the destination number for external call diversion

⊜	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Select the menu item and confirm.
↓ **INT21: Int.21**	Select internal user and open submenu.
↓ **Forw. door call** OK	Select the menu item and confirm.
	Press the display key to display the destination phone number.
↓ **Delete number** OK	Select the menu item and confirm.

Activating/deactivating call diversion

⊜	Open the menu.
↓ **Set base** OK	Select the menu item and confirm.
↓ **Settings** OK	Select the menu item and confirm.
OK	Enter system PIN if required (page 91).
↓ **Setup user** OK	Select the menu item and confirm.
↓ **Setup device** OK	Select the menu item and confirm.
↓ **INT21: Int.21**	Select internal user and open submenu.
↓ **Forw. door call** OK	Select the menu item and confirm.
	Press the display key to open the submenu.
either ...	**Activate call diversion:**
Activate? OK	Select the menu item and confirm.
or ...	**Deactivate call diversion:**
Deactivate? OK	Select the menu item and confirm.

Activating entrance telephones

In case of questions about the entrance telephones shown here or any other systems, please contact the respective manufacturers or suppliers.

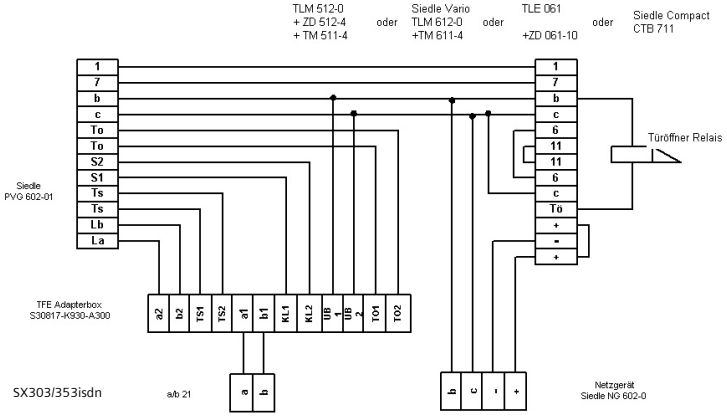
We ask for your understanding that Siemens AG cannot provide any guarantee of the currency, completeness and accuracy of the circuit diagrams.

Several examples are illustrated below. Current circuit diagrams are available from your retailer.

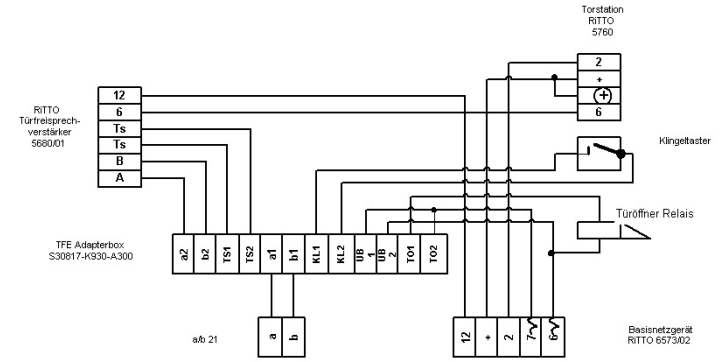
Door type 1

The following examples provide guidance for activation of entrance telephones using a TFE adapter (door type 1).

Siedle TLM 512/612, TLE 061, CTB 711

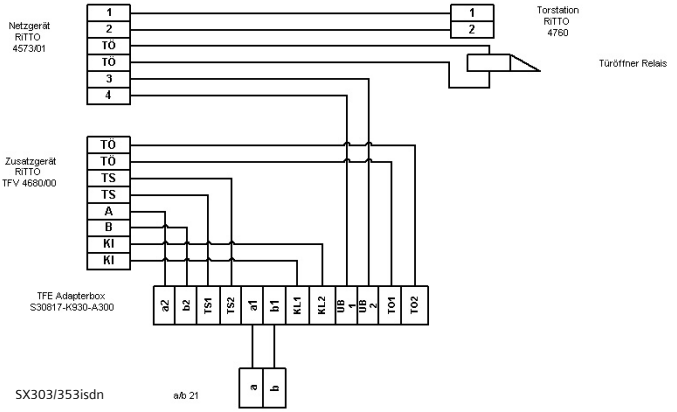


Ritto entrance telephone and door opening system



!	**Caution!** Connect base power unit 6573 and additional unit TFV5680 using enclosed bus connector.

Ritto TwinBus entrance system

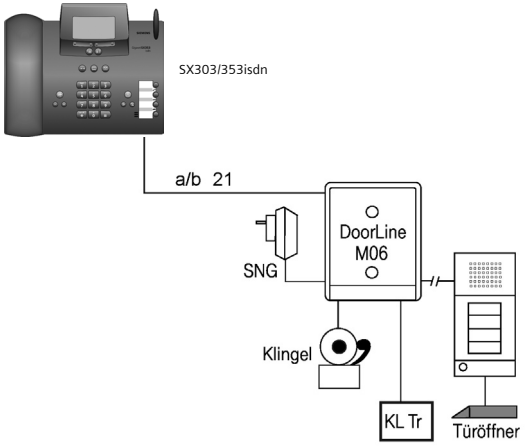


!	**Caution!** Connect base power unit 4753/01 and additional unit TFV4680/00 using enclosed bus connector.

Door type 2 (DTMF)

For details of connecting entrance telephones with DTMF control (door type 2), refer to the example below.

Deutsche Telekom DoorLine



Appendix

Care

Wipe the base station and handset with a **damp** cloth (do not use solvent) or an antistatic cloth. **Never** use a dry cloth. This can cause static.

Contact with liquid ⚠

If the handset should come into contact with liquid, **on no account switch the device on. Remove all batteries immediately.**

Allow the liquid to drain out of the device, and then pat all parts of the device dry.

Keep the handset with the batteries removed in a warm, dry place for at least 72 hours. In many cases, you will then be able to use it again.

Questions and Answers

If you have any questions about the use of your phone, you can contact us 24/7 at **www.siemens.com/customercare**. You will find the most frequently asked questions and answers below.

What has happened when ...	Possible Cause	Possible solution
... the base station does not ring?	The ringer is switched off. Internal call diversion is set to 0 ring cycles (= immediate call diversion). Night service is active.	Activate (page 114) ringer. Increase the number of ring cycles for internal call diversion (page 100). Deactivate Night service (page 88).
... the call units/charges are not displayed?	There are no metering pulses. Factor per unit = 0.	Ask your network provider to transmit the metering pulses. Set the factor per unit (page 46).
... the phone number of the **caller** is **not displayed** even though CLIP is set?	Calling Line Identification is blocked.	The caller must ask his network provider to enable the identification of his number (CLI).
... the caller list does not indicate a **time for a message**?	Date/time are not set.	Set the date/time (page 86).
... the **answering machine** does not record any messages or has automatically **switched over** to 'announce only'?	Its memory is full.	Delete old messages Play back new messages and delete.
... you can't dial a phone number any longer?	The long distance prefix has changed.	Check the long distance prefix and correct it (page 108).
... there are **no incoming calls**?	Call diversion **Immediately** is activated. The MSN has not been assigned to the internal user. The authorisation **Internal only** is set.	Deactivate **Immediately** call diversion (page 100). Determine the receive MSN (page 96). Change the authorisation (page 92).

What has happened when ...	Possible Cause	Possible solution
... the divert conditions are not displayed for call diversion?	Internal call diversion is activated.	Activate external call diversion (page 100). Apply to have this activated by the network provider.
... the telephone also rings for fax-PC calls?	The phone number is in the phone number list of the base telephone.	Delete the corresponding phone number (MSN) in the list (page 95).
... the display shows **no call charges**?	The call charge display is not set or this performance feature is not enabled by the network provider.	Activate the call charge display (page 46). Request the performance feature "charge transmission" from the network provider.
... you cannot access the **answering machine**?	The answering machine lock has been activated.	Enter answering machine PIN (page 80).
... you are unable to record any new information or **announcements**?	There is insufficient remaining memory.	Delete old messages/ information (page 70). Reduce the quality of the recordings (page 79).
... you have a **PABX** and, after dialling, the wrong connection or no connection is made?	You have entered the wrong prefix or no prefix.	Check and correct the prefix (page 137).
... some of the **ISDN functions** do not work as stated?	The ISDN function is not enabled.	Check with your network provider.
... another **telephone** on the So bus **does not ring**?	The same MSN was assigned to the telephones. One of the telephones also has internal call diversion activated.	Deactivate internal call diversion or set external call diversion (page 99).
... the caller hears the phone **ringing** although **the MSN is busy**?	The MSN was saved in devices also used on the ISDN connection.	The phone number which is supposed to be used for call protection during a call should be deleted from the list of phone numbers for each individual additional device.
... the base station does **not receive** the **SMS** as text?	You are not registered with both SMS centres.	Register with SMS centres (page 52).

Service (Customer Care)

You can get assistance easily when you have technical questions or questions about how to use your device by using our online support service on the Internet at:

www.siemens.com/customercare

or by referring to the section entitled **Questions and answers** in this manual (page 147).

If the device needs to be repaired, please contact one of our Customer Care Centers:

Abu Dhabi	0 26 42 38 00
Argentina	0 80 08 88 98 78
Australia	18 00 62 24 14
Austria	05 17 07 50 04
Bahrain	40 42 34
Bangladesh	0 17 52 74 47
Belgium	0 78 15 22 21
Bosnia Herzegovina	0 33 27 66 49
Brazil	0 80 07 07 12 48
Brunei	02 43 08 01
Bulgaria	02 73 94 88
Cambodia	12 80 05 00
Canada	1 88 87 77 02 11
China	0 21 50 31 81 49
Croatia	0 16 10 53 81
Czech Republic	02 33 03 27 27
Denmark	35 25 86 00
Dubai	0 43 96 64 33
Egypt	0 23 33 41 11
Estonia	06 30 47 97
Finland	09 22 94 37 00
France	01 56 38 42 00
Germany	01805 333 222
Greece	0 80 11 11 11 16
Hong Kong	28 61 11 18
Hungary	06 14 71 24 44
Iceland	5 11 30 00
India	01 13 73 85 89 - 98
Indonesia	0 21 46 82 60 81
Ireland	18 50 77 72 77
Italy	02 66 76 44 00
Ivory Coast	80 00 03 33
Jordan	0 64 39 86 42
Kenya	2 72 37 17
Kuwait	2 45 41 78
Latvia	7 50 11 14
Lebanon	01 44 30 43
Libya	02 13 50 28 82
Lithuania	8 22 74 20 10
Luxembourg	43 84 33 99
Macedonia	02 13 14 84
Malaysia	03 21 63 11 18
Malta	00 35 32 14 94 06 32
Mauritius	2 11 62 13
Mexico	01 80 07 11 00 03
Morocco	22 66 92 09
Netherlands	0900-3333102
New Zealand	08 00 27 43 63
Norway	22 70 84 00
Oman	79 10 12
Pakistan	02 15 66 22 00
Philippines	0 27 57 11 18
Poland	08 01 30 00 30
Portugal	8 00 85 32 04
Qatar	04 32 20 10
Romania	02 12 04 60 00
Russia	(800) 200 10 10
Saudi Arabia	0 22 26 00 43
Serbia	01 13 22 84 85
Singapore	62 27 11 18
Slovak Republic	02 59 68 22 66
Slovenia	0 14 74 63 36
South Africa	08 60 10 11 57
Spain	9 02 11 50 61
Sweden	0 87 50 99 11
Switzerland	08 48 21 20 00
Taiwan	02 25 18 65 04
Thailand	0 22 68 11 18
Tunisia	0 71 86 19 02
Turkey	0 21 65 79 71 00
Ukraine	8 80 05 01 00 00
United Arab Emirates	0 43 31 95 78
United Kingdom	0 87 05 33 44 11
USA	1 88 87 77 02 11
Vietnam	45 63 22 44

In some countries repair and replace services are impossible where the products are not sold through our authorised dealers.

Authorisation

Your Gigaset is intended for operation in the countries indicated on the underside of the product and on the packaging. Country-specific conditions have been taken into account. The CE mark certifies conformity of the device with the essential requirements of the R&TTE directive.

Excerpt from the original declaration

"We, Siemens AG, declare, that the above mentioned product is manufactured according to our Full Quality Assurance System certified by CETECOM ICT Services GmbH with ANNEX V of the R&TTE Directive 99/5/EC. The presumption of conformity with the essential requirements regarding Council Directive 99/5/EC is ensured."
Senior Approvals Manager

The Declaration of Conformity (DoC) has been signed. In case of need a copy of the original DoC can be made available via the company hotline.

CE 0682

Specifications

General Specifications

Feature	Value
DECT standard	is supported
GAP standard	is supported
No. of channels	120 duplex channels
Radio frequency range	1880–1900 MHz
Duplex method	time multiplex, 10 ms frame length
Channel grid	1728 kHz
Bit rate	1152 kbit/s
Modulation	GFSK
Language code	32 kbit/s
Transmission power	10 mW, average power per channel
Range	up to 300 m outdoors, up to 50 m indoors
Power supply/Base	220/230 V ~/ 50 Hz (Power supply unit C39280-Z4-C490)
ISDN connection	Euro-ISDN-Multiple Connection IAE
Environmental conditions for operation	+5 °C to +45 °C; 20 % to 75 % humidity
Dialling mode	DTMF (tone dialling)/DP (dial pulsing)
Dimensions	Approx. 210 x 245 x 82 mm (L x W x H)
Weight inc. power supply unit	Base station approx. 970 g
Length of cords	Telephone connecting cord approx. 3.0 m Mains cable approx. 1.85 m

Power consumption

Operating status	SX303isdn	SX353isdn
Idle status	3.9 W	4.0 W
Internal connection between base station (using receiver) and a handset	4.4 W	4.5 W
External connection on base station using receiver	4.3 W	4.4 W
External connection on base station using handsfree	4.4 W	4.5 W
External connection on base station via a handset	4.2 W	4.3 W
External connection on base station using receiver and two-way recording on answering machine	–	4.8 W
External connection on base station using Bluetooth headset	4.5 W	4.6 W

Character set chart

Standard characters

Either press the relevant key several times, or hold down.

	1 x	2 x	3 x	4 x	5 x	6 x	7 x	8 x	9 x	10 x	11 x	12 x	13 x	14 x
1	Space	1	€	£	$	¥	¤							
2 abc	a	b	c	2	ä	á	à	â	ã	ç				
3 def	d	e	f	3	ë	é	è	ê						
4 ghi	g	h	i	4	ï	í	ì	î						
5 jkl	j	k	l	5										
6 mno	m	n	o	6	ö	ñ	ó	ò	ô	õ				
7 pqrs	p	q	r	s	7	ß								
8 tuv	t	u	v	8	ü	ú	ù	û						
9 wxyz	w	x	y	z	9	ÿ	ý	æ	ø	å				
0 +	.	,	?	!	0	+	-	:	¿	¡	"	'	;	_
* a↔A	Abc <--> abc	*	/	(	)	<	=	>	%					
#	#	@	\	&	§									

Creating and editing text

You can create and edit text in a number of ways:

- The cursor is controlled with ⬅ ➡ ⬆ ⬇ .
- Characters (to the left of the cursor) are deleted with ⟵.
- Characters are added to the left of the cursor (page 11).
- To switch from upper case to lower case letters, press the * key before you enter the letter. Pressing the * key again switches from lower case to upper case.
- The first letter of the name of Phonebook entries is automatically capitalised, followed by lower case letters.
- Each key is assigned several characters (see table). If you **hold down** a key or **press it several times in quick succession**, the characters for the corresponding key are displayed in turn at the cursor position. When you release the key, the character currently displayed is inserted.

Order of Phonebook entries

As a rule, entries in the Phonebook are arranged in alphabetical order, although blank spaces and numerals (digits) take first priority. The **order in which entries occur** is as follows:

1. Space (shown here as ␣)
2. Digits (0–9)
3. Letters (alphabetical)
4. Other characters

If you want to circumvent the alphabetical order of the entries in the Phonebook, insert a space before the name. This entry then goes to the first position (example: "␣Carla"). You can also number the entries with digits (e.g. "1Jane", "2Mary", "3John"). Names prefixed with a star (e.g. "*Jane") appear at the end of the Phonebook.

Menu Tree

Main menu

In base station **idle status** press ⓜ (open menu):

SMS	Write message	
	Inbox 2/5	
	Outbox 2	
	Available memory	
Reminder	*Appointment editor*	
Audio	Ringer Volume	
	Ringer melody	
	Handset Volume	
	Vol.Loudspeaker	
	Advisory tones	
		Key Beeps
		Confirm. Beep
		Error Beep
Costs	Cost overview	
	Type of calcul.	Units cent.off.
		Costs cent.off.
		No rate
		Rate --.-
		Rate ---
	Last charge	
Settings	Language	
	Contrast	
	Autom. illumin.	
	Time display	
	Dial handsfree	
	Function keys	
Set base	→	**To continue see submenu "Setting the base" (page 154)**
Answering mach.	AM1	→ **For continuation see submenu "Answering machine" (page 157)**
	AM2	
	AM3	
Bluetooth	De-reg. BTdevice	GSM phone
		BT PC/PDA
		BT headset
	Set up BTdevice	
	BT-Mode	
	De-reg. BTdevice	

"Set base" submenu

To begin: with the base station in **idle status** press ➡ **Set base** OK or ⓜ 8:

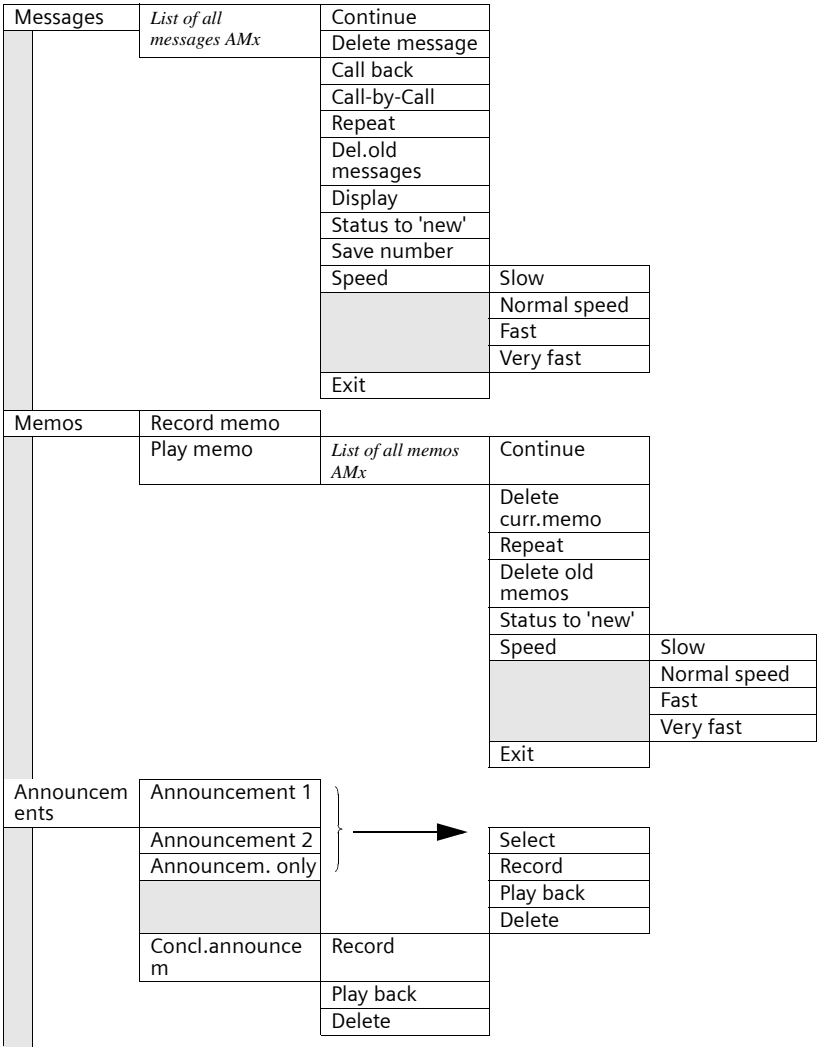
Status	Callback	✔ = on		
	Withhold no.			
	Call forwarding			
	Ext.occupations			
	AM1 on			
	AM2 on			
	AM3 on			
Missed calls	*(phone number list) -> Caller list menu (page 42)*			
Accepted calls	*(phone number list) -> Caller list menu (page 42)*			
Call preparat.	Temp.withhold			
	MSN next call	*(select MSN)*		
	Temp. keypad			
	Canc. call park			
Ext. call forw.	*List of external forwarding*	New entry	*List of MSNs*	Immediately
				On busy *(only for call divert in the telephone exchange, see page 99)*
				On no reply
		Activate?	*or* Deactivate? *- if call divert*	*activated*
		Edit entry	Immediately	
			On busy *(only for call divert in the telephone exchange, see page 99)*	
			On no reply	
		Delete entry		
Int. call forw.	Activate?	*or* Deactivate? – *if call divert is activated*		
	Forward. dest.	*List of Internal users*		
	No. of rings	(enter the number)		

Night service	*List of MSNs*	Activate?	*or* Deactivate? *– if night service is activated*		
		Forward. dest.	External	*Number editor*	
			Internal	*List of handsets*	
			Answering mach.	*List of handsets*	
		Start time			
		End time			
		Sat/Sun all day			
Settings	Security	Change PIN	*Enter PIN*		
		Authorisation	*List of Internal users*	Unrestricted	
				Incoming only	
				Internal only	
		Emergency nos.	*Emergency numbers (pre-set)*		
			Emergency numbers (own)	Change number	
				Delete number	
				Display number	
	Setup user	Register device			
		Setup device	*List of internal numbers* →	*Device type specific submenu*	
		De-reg. device	*List of Internal users*	*Select device*	
	System settings	Music on hold	Internal		
			Off		
		Date/time	Set time		
			24 hours	✔ = on	
			12 hours		
			Date DD.MM		
			Date MM.DD		
		Access code			
		AM auto. pickup			
		Spec. function	Factory setting	Operational	
				Reset all	
			Dial properties	Standard dial	
				Auto keypad	
				Dial * and #	
			Repeater		
			SW vers/RFPI		
		Ext.room monit.	*'Call to' number display*	Change number	
				Delete number	

	ISDN settings	Set up MSN	*List of all set up MSNs*	Edit entry
				Ringer melody
				Delete entry
				Display entry
		Withhold no.		
		Forward. dest.	*(Enter phone number)*	
		Lg.-dist. code	National : 0	Change number
				Delete number
			Internat.: %V 00	Change number
				Delete number
			Code:49	Change number
				Delete number
		Int. enq. call		
		Ext. enq. call		
		Transfer(ECT)		
		Forward. base		
		Forward. netw.		
		Reject all		
		Busy on busy		
		Auto.forwarding	*List of all set up MSNs*	
		Call beats data		
	Service centres	*List of SMS service centres*	Edit entry	
			Serv.centre on? or Serv.centre off?	
			Delete entry	
Installation				

"Answering mach." submenu

To begin: with the base station in **idle status** press ⊜ **Answering mach.** OK or ⊜ (9), select an answering machine, e.g. **AM1**, and confirm with OK.



Settings	Message/Memo	Message length	1 minute		
			2 minutes		
			3 minutes		
			Maximum		
		Time stamp			
	Time control	Activate?	*or* Deactivate? – *if time control is activated*		
		Mon - Fri	*List of four adjustable time periods*	Select ann.	Announcement 1
					Announcement 2
					Announcem. only
					AM off
				Start time	
		Saturday	→	As for Mon-Fri	
		Sunday	→	Ann. 1 24h	
			→	Ann. 2 24h	
			→	Ann. only 24h	
			→	AM off	
	No. of rings	Automatic 2/4			
		1 ring tone			
		to			
		9 ring tone			
	Automatic pause				
	Remote options	Remote control			
		Remote delete			
	Change AM-PIN				
	AM lock				
	AM quality	High quality			
		Long recording			
	AM language				
	Aut. listen in	Activate?	*or* Deactivate? – *if activated*		
		Select MT			
	SMS notificat.	Dest.call no.	Activate?	*or* Deactivate? – *if activated*	
			Change number		
			Delete number		
Activate?	*or* Deactivate? – *if currently activated*				

Phonebook key and last number redial key

Press the Phonebook key ⓜ or the last number redial key ⓝ, select an entry with ⬇ and press ☰+ to open the corresponding menu. The following **menu functions** are available:

For an entry in the Phonebook list:

Dial number	
Display Number	
New entry	
Edit entry	
Delete entry	
Display entry	
Send entry	
Delete list	
Send list	
Available memory	

For an entry in the last number redial list:

Dial number	
Display Number	
Automatic Redial	
Copy to dir.	
Edit entry	
Delete entry	
Display entry	

Accessories

Gigaset S44 handset

- Illuminated colour display (4096 colours)
- Graphic main menu with icons
- Illuminated keypad
- Handsfree mode
- Polyphonic ringer melodies
- Phonebook for around 200 entries
- SMS (CLIP must be enabled)
- Voice dialling
- PC interface for managing Phonebook entries
- Headphone socket

www.siemens.com/gigasets44

Gigaset SL 1 handset

- Large illuminated graphic display with date and time
- Illuminated keypad
- Phonebook for around 200 entries
- Full duplex grade handsfree
- SMS
- EATONI predictive text
- Caller-based ringer melody setting
- (for VIP calls)
- Download options for obtaining melodies via SMS
- Room monitor
- Walkie talkie mode
- Voice dialling for 23 names
- Announce name when calling
- Vibration alarm
- Connector jack for headset, PC and MP3 player

Gigaset C34 handset

- Illuminated graphic display
- Polyphonic ringer melodies
- Handsfree mode
- Phonebook for around 100 entries
- SMS (CLIP must be enabled)
- Room monitor
- Timer

www.siemens.com/gigasetc34

Gigaset C32/C2 handset

- Graphic display with date and time
- Phonebook for around 100 entries
- Handsfree mode
- SMS
- EATONI predictive text
- Caller-based ringer melody setting
- (for VIP calls)
- Room monitor
- Walkie talkie mode

Gigaset repeater

The Gigaset repeater can be used to increase the reception range of your Gigaset handset to the base station.

Gigaset M34 USB data adapter
The Gigaset M34 USB is used to establish a wireless connection between your PC and your Gigaset. This allows:

- wireless Internet surfing on your PC,
- convenient configuration of your Gigaset on the PC
- management of handset directories,
- management of call lists (journal),
- use of the dialler blocker to protect against unwanted high-cost connections.

www.siemens.com/gigasetm34usb

The following accessories are connected to the handset:

Mobile handsfree set with P2T key
With the mobile handsfree set you can make a call while keeping your hands free.

Data cable DCA-500
For connecting your handset to the serial RS232 interface on your computer.

Data Cable USB DCA-510
For connecting your handset to the USB interface on your computer.

All accessories and batteries are available from your phone retailer.
Or you can order direct online from our online shop: www.siemens.com/shop.
The Online Shop also has the latest product information.

SIEMENS® Original Accessories

Only use original accessories. This will avoid possible health risks and damage, and also ensure that all the relevant regulations are complied with.

Glossary

A

Added-feature connection
ISDN connection that offers three more services than the standard connection: Call forwarding, transfer of charges after the connection, and a T-mailbox.

AM PIN
Abbreviation for answering machine PIN

AOC-D
Advice of Charge: During the Call. Transfers the charge information during the connection.

AOC-E
Advice of Charge: At the End of the Call. Transfers the charge information at the end of the connection.

Authorisation class
Defines which connections are permitted on PABX terminals, e.g., internal only, incoming only, or unlimited call authorisation.

Authorisation for direct outward dialling
Different users may be assigned different levels of authorisation on a base station. For example, while User A may only take incoming calls, User B may make calls without restriction.

Automatic callback
See "Callback on busy"

Automatic redial
Several attempts to call are made automatically when the line is busy.

B

Block dialling
Also pre-dialling. You may only dial or, if required, correct the phone number. Then you should lift the receiver or press the loudspeaker key.

Bluetooth™
Bluetooth™ (named after King "Bluetooth" of Denmark who entered into an association with the Norwegians around a thousand years ago) is an economical standard for high-speed wireless transmission of voice and data between different electronic devices such as notebooks, PDAs (personal digital assistants), printers and mobile phones across distances of up to 10 metres. Bluetooth signals do not have a preferential direction and can, in principle, be received by any users within range. Bluetooth devices detect one another automatically.

C

Call diversion (via second B channel / internal call diversion

While external call diversion takes place in the network provider's local telephone exchange, internal call diversion is implemented by your telephone. Your telephone diverts the call via the second line of your ISDN connection. This means **both phone lines are engaged for the duration of the call**. You pay the charges for the connection to the forwarding number. However, you save yourself the network provider's charges for this function.

Call forwarding CF

CF, Call Forwarding. You want to forward calls to another number permanently. You can divert calls externally via the exchange or internally in the device itself. Call diversion (call forwarding) can be set up individually for each separate phone number (MSN) (to your mobile phone when on holiday, to the office, to a neighbour etc.).

This is carried out at the network provider's local exchange. This means the call never reaches the original destination.

There are three types of call diversion: immediate (CFU, Call Forwarding Unconditional), when busy (CFB, Call Forwarding Busy) and on no answer (CFNR, Call Forwarding No Reply).

Call forwarding during the call phase

CD, Call Deflection. Must be explicitly enabled by the network provider for each ISDN connection. CD enables an incoming call to be forwarded to any phone number while it is ringing, without having to answer the call. Because the caller has no affect on where it is forwarded (for example, to a mobile phone), you will pay the resulting charges. The caller must only pay the normal telephone charges to the connection he dialled.

Call transfer (e.g., for ISDN PABX's)

ECT, Explicit Call Transfer. User A calls User B. He puts the connection on hold and calls User C. Rather than connect everyone in a three-party conference, A now transfers User B to C and hangs up.

Call waiting

CW, Call Waiting. Service provided by the network provider. An acoustic signal during a call indicates that another caller is waiting. In addition, ISDN phones indicate this with a displayed message. You can then decide whether to accept or reject the second call.

Call waiting protection

Deactivates the call waiting signal.

Callback on busy

Callback must first be activated on the caller's terminal. A connection is established automatically as soon as the destination phone is no longer busy. As soon as the connection is free the caller is rung back. As soon as the caller lifts his receiver the connection is made automatically.

Callback on no answer

If a user does not respond when called, a caller can arrange an automatic callback. As soon as the destination phone has completed a call and is free again the caller is rung back. This service must be supported by the exchange. The callback request is automatically cancelled after approximately 2 hours (depending on the telephone exchange.

Caller identification

Displays caller's phone number, name or type of connection (e.g., exchange/ internal) on the telephone screen.

Caller list

Depending on the setting, the caller list contains callers you haven't reached, or those you have spoken to. The last 20 missed calls and the last 20 answered calls are stored with their phone number, date and time. If you wish, you can call back these callers directly from the list.

Capture

Performance feature "Identify/capture". MCID stands for "Malicious Call Identification". If you receive annoying calls, you can have the telephone exchange store the caller number. This performance feature must be requested from the network provider.

CCBS (Completion of Calls to Busy Subscriber)

See "Callback on busy"

CCNR (Completion of Calls No Reply)

See "Callback on no answer"

CD (Call Deflection)

See "Call forwarding during the call phase"

CF (Call Forwarding)

See "Call diversion".

Channel

Like an analogue connection, an ISDN connection enters the building through two cables, but for ISDN a distinction is made between the two bearer channels called the B-channels (which have nothing to do with the physical cables!) and the control channel, otherwise known as the D channel.

Charge detail display

See "AOC-D" and "AOC-E".

CLI (Calling Line Identification)

The caller's phone number is transmitted.

CLIP (Calling Line Identification Presentation)

User A calls User B. A's phone number appears on B's telephone screen.

CLIR (Calling Line Identification Restriction)

Stops your personal phone number being displayed.

CNIP (Calling Name Identification Presentation)

User A calls User B. A's name appears on B's telephone screen.

COLP (Connected Line Identification Presentation)
User A calls User B. B's phone number is displayed on A's telephone. If, for example, B has programmed call forwarding to C, and the dialled number and transmitted number are not the same, then C's phone number is displayed if C permits this phone number to be displayed.

COLR (Connected Line Identification Restriction)
If C has set up COLR, then C's phone number is not displayed on A's phone.

Conference call
See "Three-party conference".

CW (Call Waiting)
See "Call waiting".

D

D channel
Control channel for an ISDN connection. See "Channel".

Digital exchange
Computer controlled switching units allow quick connection and the activation of such additional services as => enquiry calls, => call waiting, => three-way conference, => call forwarding etc.

Direct call
Block the telephone for all phone numbers except for an individually entered number. After picking up the handset and pressing any key, the connection to the saved phone number is established. Ideal for children who cannot yet dial phone numbers (baby call). Calling an emergency number is always possible. This function is available on the Gigaset 3000/2000 Comfort handsets.

E

ECT (Explicit Call Transfer)
See "Call transfer".

Electronic code lock
Personal code (=> PIN), used, for example, to protect a phone against unauthorised use – only calls to emergency numbers may still be made. Incoming calls may be answered.

Enquiry call
You are making a call. Using the "Enquiry call" function, you interrupt the conversation briefly to establish a second internal or external connection to another user. If you terminate the connection to this user immediately, then this was an enquiry call. If you switch to and fro between the first and second user, it is called toggling.

Exchange
Nodal point in the public telephone network. A distinction is made, for example, between local exchanges and long-distance or trunk exchanges.

H

Handsfree

A phone's handsfree set not only permits open listening but also allows you to talk to the person on the other end without lifting the receiver by means of an integrated microphone. This means others present in the room can also participate in the conversation.

Hold

(Hold the line). Interrupts and re-instates an existing connection. In particular, it permits enquiry calls and toggling between calls.

I

Internal calls

Connection between the base station and handsets made free of charge.

Internal ringer

Special ringtone on PABX's to distinguish between internal and external calls.

ISDN

Abbreviation for Integrated Services Digital Network, i.e., a digital network for integrating services. This includes the integration of telephone, fax or data transmission.

ISDN abbreviations

CW	Call waiting
CF	Call diversion
3PTY	Three-party conference
CCBS	Callback on busy
CD	Call forwarding during the call phase

K

Keypad

The keypad supports special function keys such as the star (*) and hash (#) keys. In this way, special functions offered by your network provider can be initiated using a code, such as "#4711*".

M

MCID (Malicious call identification)
See "Capture".

MSN
Multiple Subscriber Number. The phone numbers belonging to a multiple ISDN connection. Each terminal is addressed separately, e.g., a separate number for a fax machine. Three MSN's are included in the basic price of a standard and added-feature connection. Up to ten MSN's can be assigned to one ISDN connection.

Multiple connection
ISDN connection which, unlike PABX connection, provides up to ten MSN's instead of having a direct dialling number block. This is the preferred type of ISDN connection for private customers.

Multiple subscriber number
See "MSN".

Music on hold
See "Waiting melody".

Mute
Convenience feature for telephones, which deactivates the built-in microphone (in handset or handsfree unit).

N

Notebook function
During a phone call you can enter a phone number in the phone's temporary memory to be dialled later.

NT/NTBA
Network terminating device (NT = Network Terminator and NTBA = Network Terminator Basic Access). The public T-ISDN is terminated with an NT. The NT acts as a bridge to the existing telephone outlet. Only the NT can or may be connected to the telephone outlet. Under no circumstances should analogue terminals also be connected to the phone outlet. ISDN terminals and additional ISDN outlets are connected to the NT.

O

Open listening
At the touch of a key, all those present in a room can listen in to a phone call via an integrated loudspeaker. See also "Handsfree talking".

Outgoing MSN, freely selectable
A performance feature which helps you to individually determine which MSN should be used for the following call. This is not only important for the phone number display on the called handset but also for billing charges. This is because call charges, which can be broken down free of charge according to MSN on the network provider invoice, are billed according to the MSN used to make the call.

P

Parking
A call is parked when you want to unplug the telephone during a call, or you want to continue your call from another telephone with the same connection. The connection is retained while it is parked.

PDA (Personal Digital Assistant)
Small portable computer, for example including calendar, address book and notes function and other applications such as a web browser for Internet access and a media player for playing back music.

Phonebook
An added feature on a phone allowing the name and phone number of several users to be stored. The phone numbers can quickly be found and dialled.

PIN
Abbreviation for Personal Identification Number. Protects against unauthorised use, e.g., system PIN, AM PIN, handset PIN.

Plugging to bus
TP, Terminal Portability. Also called parking. An incoming call can be held at the local exchange for up to three minutes to then be answered, for example, by another phone, a fax machine or a PC. In the meanwhile the caller hears an appropriate announcement.

Pre-dialling, see also "Block dialling"
For some telephones with a display you can enter the phone number first, and check it once more before dialling.

R

Remote activation
Allows the answering machine to be activated and deactivated during a call. This function is PIN-protected.

Remote check
Answering machine function. Listen to messages remotely, mostly together with options like delete messages or change announcements.

Repeater
A repeater increases the range of a handset connected to a base station. The device receives the radio signal from the base station and broadcasts it further.

Ring delay
For each internal subscriber, you can specify how many rings occur before a call is activated. This can also be set for each MSN phone number.

For example, your handset, in addition to the base telephone (which rings on the first ring) could ring after three rings for the private phone number, and ring on the first ring for the business phone number.

S

S0 Bus

Four-wire ISDN connection wiring. It provides two B-channels and one D-channel. Up to twelve ISDN outlets can be connected to it, on which up to eight terminals can be operated at the same time.

Standard connection

ISDN connection with a series of services such as call waiting, three-party conference, or callback on busy. See also "Comfort connection".

T

Three-party conference

3PTY, three-party. Interconnection with two external users (ISDN or analogue network customers).

Toggling

Toggling allows you to switch between two external callers without allowing the waiting caller to listen in.

TP

Terminal Portability, see "Unplugging on the bus".

Two-way recording of phone calls

Answering machine feature which allows you to record a conversation during a phone call.

W

Waiting melody

Music on hold. During an enquiry call or when a call is being transferred, a melody is played which the waiting person can hear.

Withhold own number (CLIR)

Stops your personal phone number being transferred.

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